

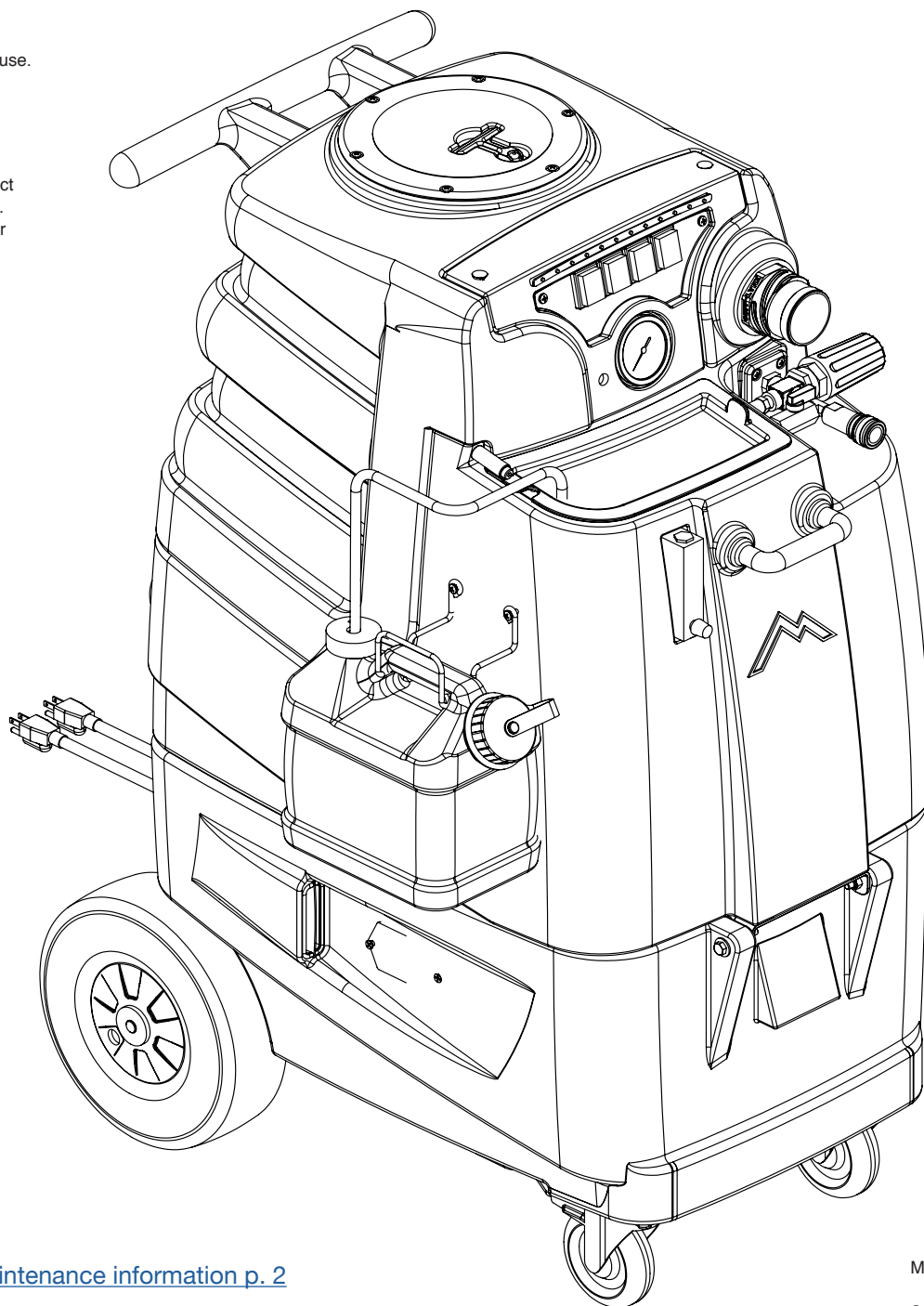
Instructions for Speedster[®] LTD3, LTD5 & LTD12



Please read before use.



Register your product
at <http://www.mytee.com/support/register>



[General & Maintenance information p. 2](#)

[LTD3 p. 7](#)

[LTD5 p. 14](#)

[LTD12 p. 21](#)

Model # _____

Serial # _____

Form # ADP-SLTD

04-16

Dear Customer:

Congratulations on the purchase of your new LTD Speedster® extractor. As technology continues to develop you can work confidently knowing that both Mytee Products Inc. and its employees are equally dedicated to developing with the industry and its advances.

Like any other piece of machinery or technology, the LTDs also requires the proper maintenance and care to keep the product working over extended use. Neglecting your machine, abusing it or not operating it properly can void its warranty and prevent the machine from performing to the quality and standard you'd expect out of the Mytee Products Inc. line.

If you have any warranty concerns or questions, please review this manual thoroughly or do not hesitate to contact your distributor. If there are questions regarding maintenance, replacement or ordering parts please contact an authorized Mytee Products Inc. Service Center. To see an updated list please visit our website at www.mytee.com/help/service.php

Before using your Mytee Product, please read this manually thoroughly. Sincerely,
Mytee Customer Care Dept.

Grounding Instructions

This machine must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electrical shock. This machine is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed in accordance with all local code and ordinances. Do not remove ground pin; if missing, replace plug before use.



DANGER

Improper installation of the equipment-grounding conductor can result in a risk of electric shock. Be sure to check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. If the plug will not fit in the outlet do not modify either the plug nor the machine's cord, instead have a proper outlet installed by a qualified technician.

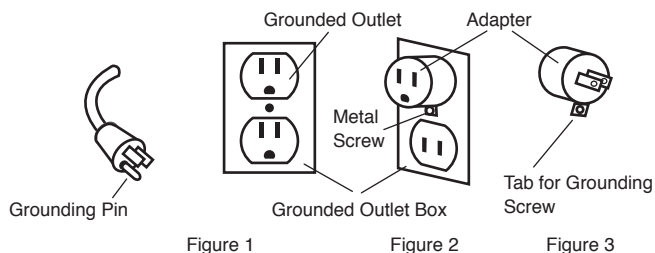
This machine is for use on a nominal 120-volt circuit and with a grounding plug similar to the one in Figure 1 below. If a proper outlet is not available, follow the illustrations of Figure 2 & 3 to install a temporary-grounding plug. This temporary work-around should be used only until a proper outlet (Figure 1) can be installed by a qualified electrician. When and if this type of adapter is employed, screw the adapter's extended tab into place with a metal screw. However, grounding adapters are not approved for use in Canada.

Again, be sure to check the grounding pin for damages and replace if necessary.

The Green, or Green-Yellow, wire in the cord is the grounding wire. When replacing a plug, this wire must be attached to only the grounding pin.

DO NOT use extension cords.

Please Note for America use only



Parts and Service

Please contact a Mytee service personnel or Mytee authorized Service Center using Mytee original replacement parts and accessories for repairs are needing to be performed. When and if calling Mytee for support, please have your Model and Serial Number available for faster assistance.

Name Plate

The Model and Serial Number are located on the lower half of the back of the machine near the power plugs and will be required for ordering replacement parts. You can use the space provided on the front of this manual to note down both for future referencing.

Unpacking the Machine

When your new machine is delivered, please carefully inspect both the shipping carton and the machine for damages. If damage is evident, save both the shipping carton and machine so that the delivering carrier can inspect it. Contact the carrier immediately to file a freight claim if there has been any damage.

Caution and Warnings

Symbols

Mytee uses the symbols below to signal potentially dangerous conditions. Always read this information carefully and take the necessary steps to protect personnel and property.



DANGER

Is used to warn of immediate hazards that will cause severe personal injury or death.



WARNING

Is used to call attention to a situation that could cause severe personal injury.



CAUTION

Is used to call attention to a situation that could cause minor personal injury or damage to the machine or other property. When using an electrical appliance, basic precautions should always be followed, including the following: Read all instructions before using this machine. This product is intended for commercial use only.



WARNING

To reduce the risk of fire, electrical shock, or injury:

1. Read all instructions before using equipment.
2. Use only as described in this manual. Use only manufacturer's recommended attachments.
3. Always unplug power cord from electrical outlet before attempting any adjustments or repairs.
4. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
5. Do not pull or carry by cord. Do not close a door on cord or pull cord around sharp edges or corners.
6. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not use with damaged cord or plug. If cord is damaged, repair immediately.
8. Do not use outdoors or on wet surfaces and or standing water.
9. Always unplug or disconnect the appliance from power supply when not in use.
10. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
11. Do not use in areas where flammable or combustible material may be present.
12. Do not leave the unit exposed to harsh weather elements. Temperatures below freezing may damage components and void warranty.
13. Use only the appropriate handles to move and lift unit. Do not use any other parts of this machine for this purpose.
14. Keep hair, loose clothing, fingers, and all parts of the body away from

GENERAL INFORMATION

all openings and moving parts.

15. Use extra care when using on stairs.
16. To reduce the risk of fire or electric shock, do not use this machine with a solid-state speed control device.
17. The voltage and frequency indicated on the name plate must correspond to the wall receptacle supply voltage.
18. When cleaning and servicing the machine, local or national regulations may apply to the safe disposal of liquids which may contain: chemicals, grease, oil, acid, alkalines, or other dangerous liquids.
19. Do not leave operating unattended.

Preparation

1. Remove furniture and other items from the area you are going to clean.
2. Vacuum carpet and upholstery, and remove debris.
3. Protect cabinets, walls and painted surfaces with drop cloths or plastic.
4. Inspect power cords for damages.

Operating Instructions

1. Fill the solution tank.
2. Attach female end of a solution hose to a wand or other tool and the male end to the LTD's Quick Disconnect (QD).
3. Attach one end of a vacuum hose to a wand or other tool and the other end to the LTD's 2" Cuff-Lynx vacuum hose ports.
4. Plug in power cords:

LTD3/5/12 Model: Using two separate circuits/breakers, plug in the grounded power cables as previously instructed using the appropriate grounding techniques.

The LED light strip will illuminate and sound a tone when plugged into separate circuits/breakers.

2. When the hoses are attached, turn on Pump-Out switch.
3. The Prime Valve and Pressure Regulator are located on the front right side of the solution tank and should be primed prior to use. To prime the pump turn the valve to the Prime position for 30 seconds, and then turn horizontally to the Run position.
4. Pull your wand's trigger to ensure water is running through the lines to avoid damage to the Pump and Heating unit (LTD3).
5. (LTD3) The heater switch has three positions: Off (Middle); 1,000 watts using 1 heater (Top); 600 watts & 1,600 watts using 2 heaters (Bottom) If the water heater is to be used, prime system and turn it on to the desired wattage and wait five minutes for the water to reach temperature.
6. To clean, make two dry passes for every one wet pass while working away from the power cords. For optimal use or heavily soiled areas, repeat wash steps in the opposite direction.
7. To prevent motor or internal damage, use a preferred foam control solution in the recovery tank. Remember to check for build-up in both the recovery and solution tanks! When using auto-fill, make sure the pump-out is ON while in-use.
8. Empty the Recovery Tank whenever you need to refill solution. Attach the 45° drain elbow to the drain spout located in the back and lift the dump valve to empty the tank.
9. Squeeze the wand or tool's trigger for five seconds after turning the power switches off to relieve any existing line pressure.
10. When the machine is off: unplug the power cables, remove solution and vacuum hoses, and empty the recovery tank by attaching the 45° drain elbow.
11. To empty the solution tank, twist off the solution tank drain cap located on the back of the machine.

After Use

1. Before storing the machine, drain, rinse and dry both the tanks and vacuum hoses of any residual water or solution.
2. Store standing upright in a dry, enclosed location.
3. Leave the recovery tank lid open for better air circulation.
4. If storing in freezing temperatures, take extra precautions to make sure the machine and solution systems are completely drained and dry.

Maintenance Schedule

Latches are located in the back to open the tank for internal maintenance. To keep machine in good working condition, follow the below recom-

mended daily and weekly maintenance procedures. Relief valves should be replaced annually.

Maintenance item	Daily	Once a week
Clean and inspect tanks.	x	
Clean and inspect hoses.	x	
Check and clean internal filters by twisting off, rinsing with clean water and replacing.	x	
Check power supply cable.	x	
Clean machine with all-purpose cleaner and cloth.	x	
Check spray nozzles.	x	
Flush solution system with Mytee® System Maintainer.		x
Remove and float shut-off screen from tank and clean. Simply pull off.		x
Inspect vacuum hoses for holes and loose cuffs.		x
Inspect spray pattern for clogging. If clogged, remove spray tips and soak them in a recommended liquid neutralizer for up to six hours. To remove spray tip, twist spray tip body counter-clockwise.		x
Lubricate wheels with water resistant oil.		x
Inspect machine for water leaks and loose hardware.		x

Oil Maintenance

Each machine using the General Pump Head will need its first oil change within 50-100 hours of use, then every three months for 500 hours after that. Regular lubrication is the easiest, most efficient and least expensive element in preventative maintenance according to the manufacturer, General Pump.

Required Equipment:

1. 9/16" Wrench or socket.
2. 7/8" Socket with ratchet to fit.
3. 11 oz SAE 30w Oil
4. Oil catch pan capable of holding 11 oz of oil (Height ≤ 2")
5. Oil funnel capable of fitting oil port on top of General Pump head brass tee (3/8" diameter)
6. Flash light (Optional)

Instructions:

1. Cover ground with cardboard or any available scrap material to prevent unwanted spills and stains.
2. Slide ≤ 2" oil catch pan under the ball valve located under the bottom front of the machine and to the left of the solution tank drain.
3. Release the two rear latches by turning its wings to the left then open top half of the machine completely to expose the main pump.
4. Remove the 9/16" oil cap from the brass tee on top of the General Pump head.
5. Unscrew then 7/8" oil plug from under the machine until finger loose.
6. Once the oil has stopped or slowed to a few drips, replace the lower oil plug then tighten it with a 7/8" socket.
7. Using a funnel, pour 11oz of SAE 30w oil into the top of the General Pump head through the brass tee.
8. Use a flashlight to check the side of the General Head to ensure the oil level reaches the midpoint of the view glass. Add or remove oil as needed.
9. Replace the 9/16" plug on top of the brass tee using a wrench or socket.
10. Close the machine and re-latch its rear to avoid any separation during transport.
11. Dispose of any old oil and continue normal use of the machine.

Filter Maintenance

All LTD models have six filters that need to be checked and cleaned after each week of use. Regular filter maintenance is a simple way to extend the life of your machines.

Vacuum Stack Filters:

Located inside of the black vacuum tank are two pvc vacuum stacks. Each stack has one foam filter to help prevent waste material from getting into

the vacuums and cause damage. To maintain these filters:

1. Remove the 7" clear vacuum lid.
2. Reach in and pull out the two black filters located in the top of the vacuum stacks.
3. Clean the filters under a faucet of any debris and check for damage. If the filters are not damaged, place them back in the stacks. If filters are damaged and falling apart, replace them.

Pump-Out Filters

The pump-out filter is located on the inside bottom of the black vacuum tank. It is recognizable by its cylindrical shape. To maintain filter:

1. Remove the 7" clear vacuum tank lid.
2. Reach in and unthread the cylindrical filter by rotating it counter clockwise. A flashlight may be needed to locate the filter.
3. Once the filter is out, slide off foam sleeve that surrounds the wire screen. Check for debris and damage. Rinse filter of any debris or replace if damaged.
4. Place filter back into vacuum tank by rotating it clockwise onto the brass nipple.

Pump Filters

The pump is a half-circle shaped screen located on the inside bottom of the blue solution tank. To maintain filter:

1. Open black solution tank lid.
2. Reach into solution tank and rotate the dome-shaped filter from its brass nipple by rotating it counter clockwise.
3. Check filter for any debris or damage to screen. Rinse filter of any debris or replace if damaged.
4. Place new or cleaned filter back onto brass nipple by rotating it clockwise.

Auto-Fill Solenoid Filter

The solenoid filter is located inside of the auto-fill solenoid, which is inside the base of the machine. The filter will be connected to the auto-fill male QD that extends from the back of the machine. To maintain the filter:

Required Tools:

7/8" Wrench or crescent wrench.
3/4" Wrench

1. Open the machine by undoing the rear latches and rocking the top of the unit forward until it is resting on the ground and the internals of the base are exposed.
2. Locate the solenoid attached to the rear auto-fill and pump-out plate.
3. Place the 7/8" wrench or crescent wrench on the rear part of the solenoid closest to the inside of the auto-fill plate to help prevent rotation during steps 4 & 6.
4. Use the 3/4" wrench to loosen the 3/4" plug on the front of the solenoid.
5. Remove the solenoid screen and check for any debris or damage to screen. Rinse the screen of any debris or replace if damaged.
6. Replace the 3/4" brass plug and screen then you can continue use as normal.

Oil Vent Solenoid Filter

The oil vent's solenoid filter is located on top of the general pump head inside the base of the machine. It will be connected to the brass tee coming out of the oil fill hole. To maintain filter:

Required Tools:

7/8" Wrench or crescent wrench.
3/4" Wrench

1. Open the machine by undoing the rear latches and rocking the top of the unit forward until it is resting on the ground and the internals of the base are exposed.
2. Locate the solenoid attached to the brass tee on top of the pump head.
3. Place the 7/8" wrench or crescent wrench on the rear part of the solenoid closest to the inside of the auto-fill plate to help prevent rotation during steps 4 & 6.
4. Use the 3/4" wrench to loosen the 3/4" plug on the front of the solenoid.

5. Remove the solenoid screen and check for any debris or damage to screen. Rinse the screen of any debris or replace if damaged.
6. Replace the 3/4" brass plug and screen then you can continue use as normal.

Trouble Shooting

There is no power.

1. Plug power cord(s) in proper outlet(s).
2. If using two cords, make sure each is plugged into a separate circuit.
3. Check circuit breaker and reset if tripped. There should not be any additional items in use on the same circuit as the machine and the outlet must be a 20-amp circuit.

LTD Float Switch Maintenance

Each LTD machine contains two water level float switches. These float switches control specific functions of the machine. The first float switch will control the auto-fill feature while the second float switch controls power to the vacuums. These levers prevent water from getting into the vacuum stacks and spilling out from the solution tank.

Auto-Fill Float Switch Maintenance and Replacement

Cleaning and maintaining float switches will help extend the life your machine. Regular cleaning is required for proper functionality. To clean auto-fill level switch:

1. Open the black lid on the blue solution tank.
2. Use a flashlight to locate the auto-fill tank's float switch, which is on the back wall of the blue tank about 5" from the bottom of the tank.
3. Once located, reach in and hold the float switch finger all the way to one side by pushing on the opposite side.
4. Using your other hand, or finger, roll the clip off of its tabs by pulling on the bottom of the opposite tab from which you are pushing. It should not take a lot of pressure to remove the switch, so be careful not to break it.
5. Check the float finger and where it attaches for debris or any other damage and if dirty, clean. If one of the male tabs where the float hooks is damaged, refer to the float switch replacement section.
6. Once cleaned, replace the float finger flat side down onto the male position tabs located on the float switch neck in the vacuum tank. First, hook one loop of the finger on one tab then roll and pull the other tab with your index finger until it snaps back into place.
7. Check to ensure the float switch still works by turning on both vacuums with the vacuum tank lid off. Reach inside and lift the float finger. If vacuums turn off, the float works. If the vacuums stay on, the float body may need replacing, or the float finger is installed upside down.

Auto-fill Float Switch Replacement

Required:

- Colored tape
- New float switch, rubber washer, and plastic nut
- Silicone
- Medium/deep depth 13/16" socket and ratchet
- Medium crescent wrench

1. In a clear and open space, lay down a piece of cardboard or scrap material.
2. Undo rear latches of LTD machine by turning them counter clockwise
3. Open the machine until it is resting on the scrap material previously placed on the floor, which will help minimize scratching and damage to the front of the LTD machine.
4. Locate auto-fill float switch wires coming out of the blue solution tank and disconnect the two float switch wires that are plugged into the system. At this point, use the colored tape to mark the wires that the float switch was unplugged from.
5. Close the machine halfway by setting the handle on a 5-gallon bucket or stand of similar height.
6. Locate the position of the float switch inside of the solution tank on the back wall of the tank.
7. Once located, reach in and hold the float switch lever all the way to one side by pushing on the opposite side.
8. Using your other hand, or finger, roll the clip off of its tabs by pulling on the bottom of the opposite tab from which you are pushing. It should not

GENERAL INFORMATION

take a lot of pressure to remove the switch, so be careful not to break it.

9. Place the medium crescent wrench on the back nut of the float switch and the 13/16" socket on its inside nut. Loosen the float by rotating the ratchet counter clockwise until completely loose. Make sure not to lose any nuts or rubber washers in case they are needed in the future.

10. On the new float switch, hold the float switch lever all the way to one side by pushing on the opposite side.

11. Using your other hand, or finger, roll the clip off of its tabs by pulling on the bottom of the opposite tab from which you are pushing. It should not take a lot of pressure to remove the switch, so be careful not to break it.

12. Place the rubber washer over the threads of the new switch and all the way down to the 13/16" nut side.

13. Place a thin layer of silicone on the rubber washer where it will be contacting the solution tank wall.

14. Thread float switch-with actuating finger off-wires back through vacuum tank hole and thread it in using the 13/16" socket. Make sure the wires go down into the base of the machine.

15. Using your hand, thread the plastic nut onto the back side of the float switch placing the medium crescent wrench on the nut to hold in place.

16. Tighten the 13/16" float until snug. Make sure flat side of the float body is facing towards the top of the solution tank.

17. Replace float finger, flat side down, onto the male position tabs located on the float switch body in the vacuum tank. First, hook one side of the finger to one tab. Then roll and pull the tab with index finger until other clip snaps into place.

18. Locate auto-fill float switch wires coming out of the blue solution tank into the machine. Re-connect the two-float switch wires to the previously marked wires. It will not make a difference which wires you plug into each port, just make sure both wires are reconnected.

19. Close the machine and relatch.

20. Check to ensure the float still works by hooking up the auto-fill feature like normal. Turn on water. Reach inside and lift the float finger. If water stops coming into the tank, the float works. If the water keeps pouring in, float finger may be installed upside down or wires may not be connected completely.

Pump does not work properly

1. Snap quick disconnects firmly together.
2. Check solution tank; may be empty.
3. Jets clogged, remove jet and flush clean.
4. Filters clogged, remove filters and rinse clean with water.
5. Heater is blocked; flush out with Mytee's® System Maintainer.
6. If brass check valve is stuck, replace valve.
7. Check pump wire. May need to reconnect wire.
8. Switch plate may need to be replaced.
9. If pump motor brushes are worn, replace pump.

Speedster® LTD3 heater does not work properly

1. If sensor mounted on the heater has popped, reset sensor by pushing in button.
2. Heating element may need to be replaced.

Vacuum motor does not work properly

1. Check that hose is tightly connected.
2. Close drain hose valve completely.
3. Secure the vacuum tank tightly.
4. If water is coming out of the vacuum motor, use a low foaming detergent.
5. Clean upholstery tool or floor wand jets.

FAQs

Q: How much do the Speedster® LTD Series extractors weigh and what are the dimensions?

A: All Speedster® LTDs

Machine Dimensions: 30" x 20" x 42"

Shipping Dimensions: 37 1/4" x 21" x 50 3/4"

LTD3 – Machine Weight: 145 lbs.

Shipping Weight: 185 lbs.

LTD5 – Machine Weight: 135 lbs.

Shipping Weight: 175 lbs.

LTD12 – Machine Weight: 140 lbs.

Shipping Weight: 180 lbs.

Q: What comes standard with Speedster® LTDs?

A: Two 50' power cords, hose hanger with screws, two Cuff-Lynx™ Model Numbers: H141 Reducer and H110 Coupler Swivel, pack of Piglets™ and 45° drain elbow.

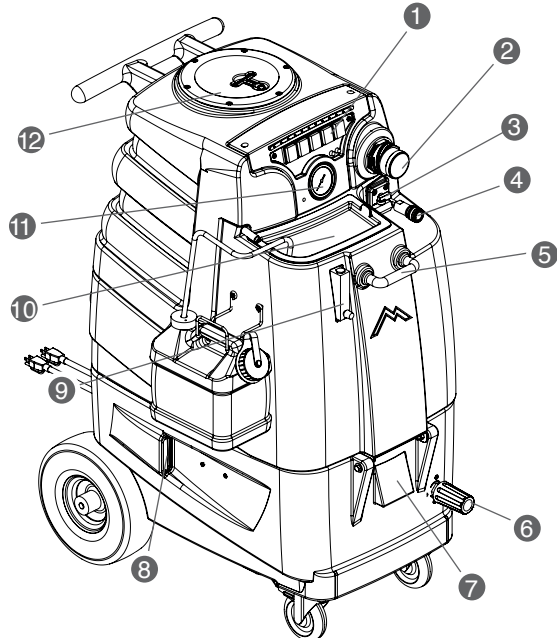
Q: Does Mytee® recommend tools for this machine?

A: All upholstery tools and wands can be used with the Speedster® LTD series.

Q: Is there anything I can do to increase the expected life of my machine?

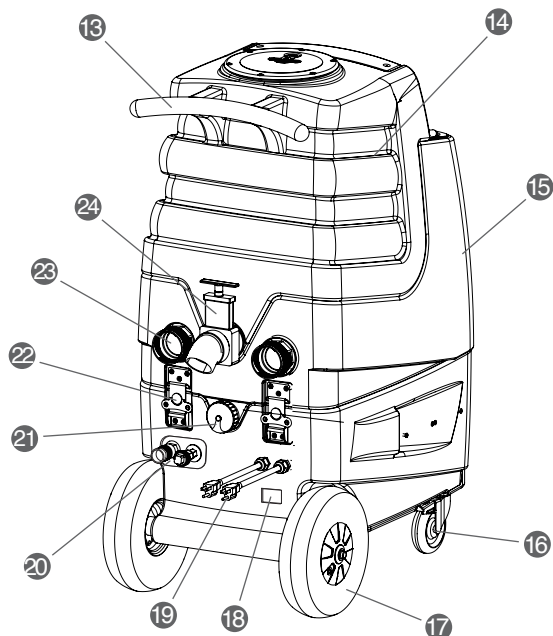
A: Running the vacuum motors with the tank empty and lid off will allow excess moisture in the vacs to dry off. You should also run Mytee's® System Maintainer through the system to keep the hoses, pump, and heater clean and free of debris.

SPEEDSTER® LTD3 FRONT



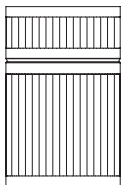
- | | |
|---------------------------------|----------------------|
| 1. Switch Plate | 7. Front Fan |
| 2. 2" Male Cuff-Lynx™ Inlet | 8. Side Vents |
| 3. Prime Valve | 9. Chemical Metering |
| 4. Female Quick Disconnect (QD) | 10. Solution Lid |
| 5. Front Handle | 11. PSI Gauge |
| 6. Pressure Regulator | 12. Recovery Lid |

SPEEDSTER® LTD3 BACK

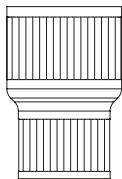


- | | |
|--|--|
| 13. Push Handle | 19. Power Cords |
| 14. Recovery Tank | 20. Auto Fill/Pump Out
Hose Connections |
| 15. Solution Tank | 21. Solution Tank Drain |
| 16. 4" Locking Casters | 22. Service Latches |
| 17. 10" Foam Filled
Semi-Pneumatic Wheels | 23. Rear Vacuum Exhaust |
| 18. Hour Meter | 24. Recovery Tank Drain Valve |

SPEEDSTER® LTD3 ITEMS INCLUDED



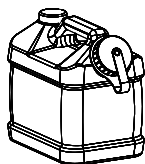
H110 Cuff-Lynx™
2" x 2" Hose Adapter



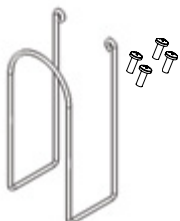
H141 Cuff-Lynx™
2" x 1.5" Hose Reducer



G008 Pack of Piglet™
filters



P535 5 qt. Chemical Bottle



H375 Hose Hanger
(4) screws

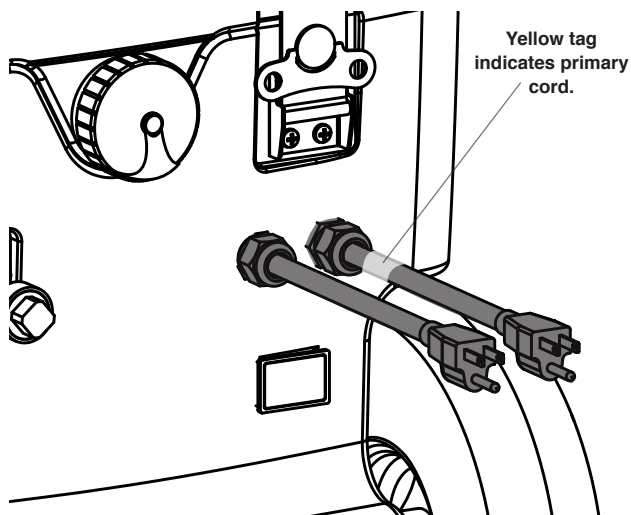


H226 Drain Elbow

POWER CORDS

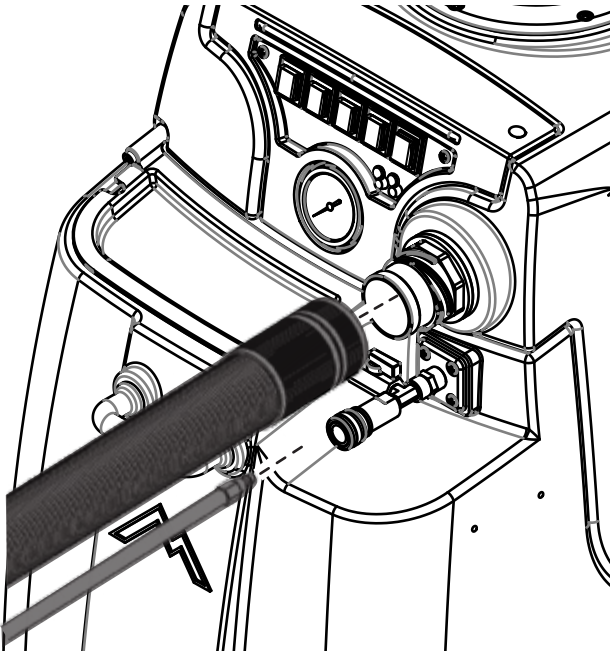
(Primary) Right Cord: Plug in yellow-tagged power cable for Power To Vac 1, Pump, & 600W Heater.

(Secondary) Left Cord: Plug in power cable for Vac 2, Pump-Out & 1,000W Heater.



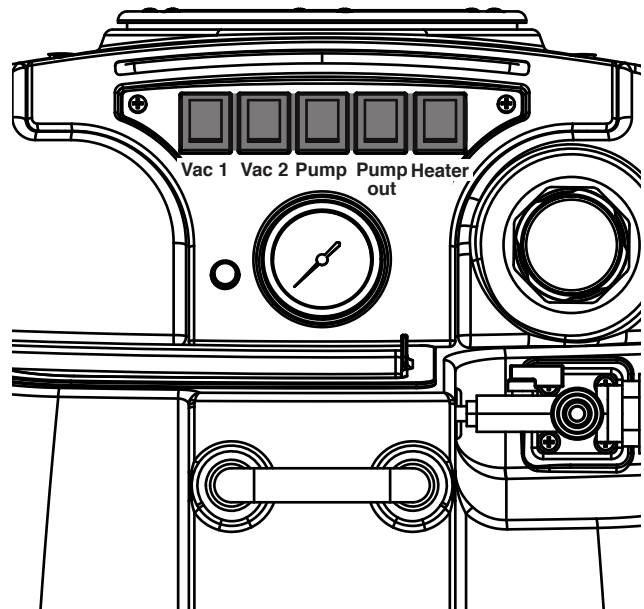
Plug each power cord into a separate, 20A grounded wall outlet. **Outlets must be on two separate breakers.** When the amber light on the switch plate illuminates and the audible tone sounds, the machine is on separate circuits (not necessarily 20A circuits). You can identify the primary cord by the yellow tag.

VACUUM AND SOLUTION HOSE CONNECTIONS



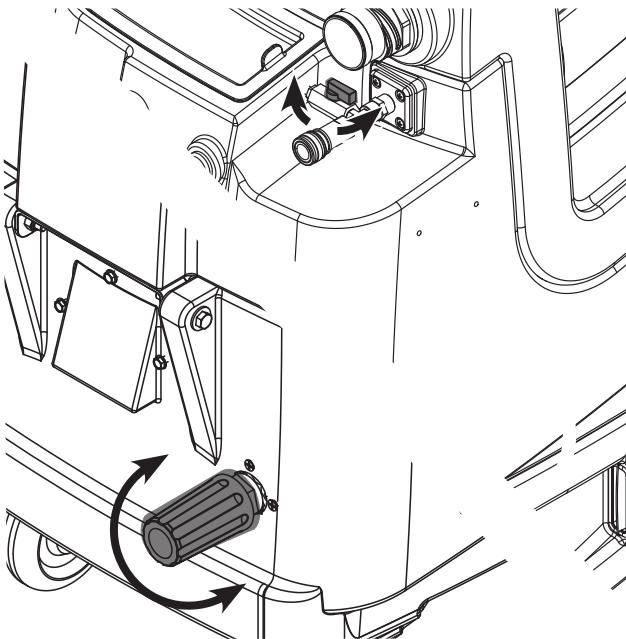
Attach female end of a solution hose to a wand or tool and the male end to the LTD's QD. Then connect a vacuum hose to a wand and the 2" male Cuff-Lynx™ hose port. (If using the optional de-foamer, install the kit onto the vacuum port according to the instructions that come with the de-foamer kit.)

SWITCH PLATE



To use vacuum, turn on Vac 1 and Vac 2. To use pump, turn on Pump. To use pump-out, turn on Pump-Out switch. To use Heater, turn on Heater. Release tool trigger. Wait 8 – 10 minutes for unit to pre-heat. Once heated, re-key upholstery tool until hot water begins flowing. Once hot water is flowing, release trigger and pre-heat an additional 4 – 5 minutes.

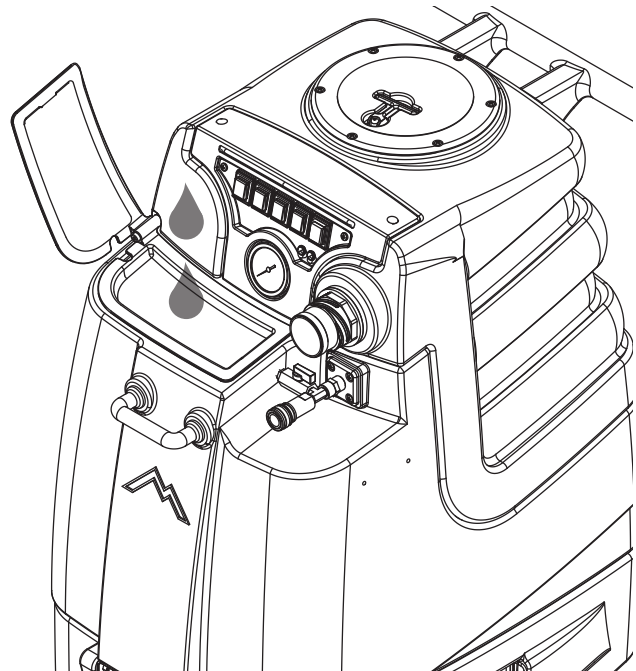
PRIME VALVE & PRESSURE REGULATOR



Prime the pump by having the Prime Valve parallel with its pipe and turn it clock-wise to run the pump. Turning the Pressure Regulator to its left will decrease water pressure and turning to the right will increase water pressure.

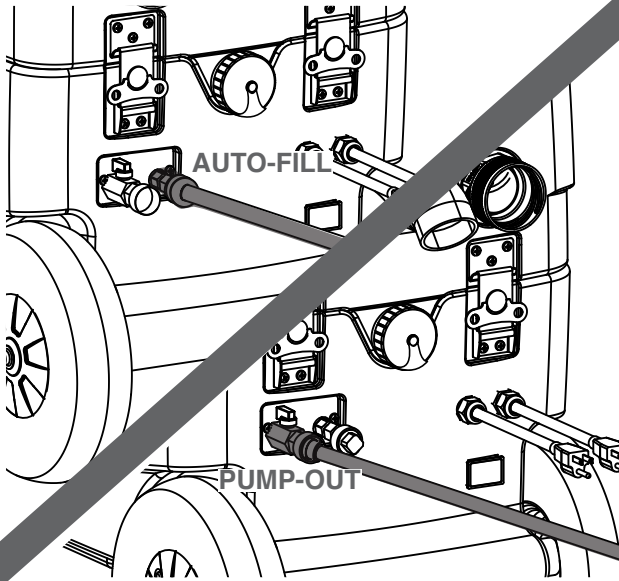
*Please refer to the Pressure Gauge to monitor your water pressure.

FILLING THE SOLUTION TANK



You can lift the lid to manually fill the tank or follow the "Operating Instructions" for auto-fill use. **IMPORTANT: Before refilling solution tank, make sure the recovery tank is empty.**

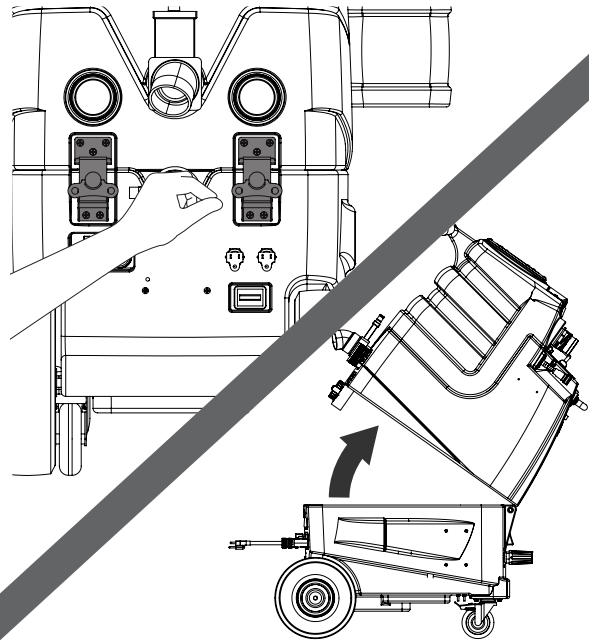
AUTO-FILL & PUMP-OUT CONNECTIONS



Auto-fill: Connect standard garden hose from water source to LTD auto-fill connection. Turn on the water source and let the tank begin to fill. It will shut off when the water level reaches the LTD's electronic float switch.

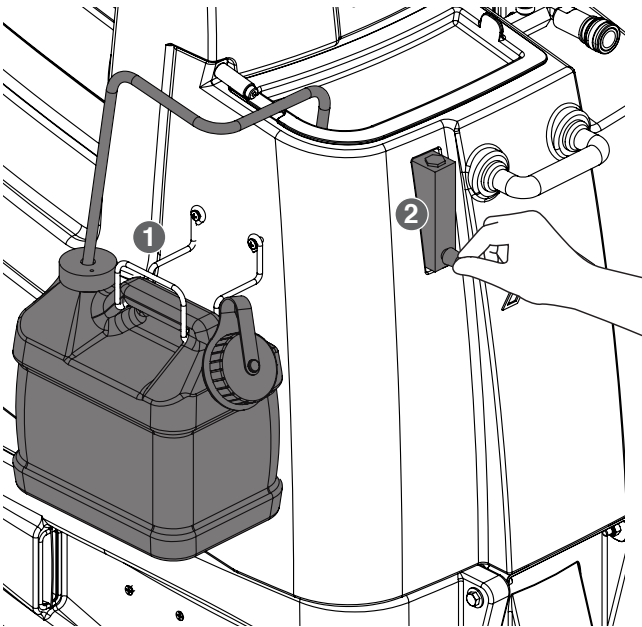
Pump-out: Connect a second standard garden hose to the LTD's pump-out connection and lay the other end of the hose in a drainable location. Activate the pump-out switch on the front of the machine and open the ball valve on the pump-out connection. The LTD will automatically drain recovered water from the tank.

OPENING THE MACHINE



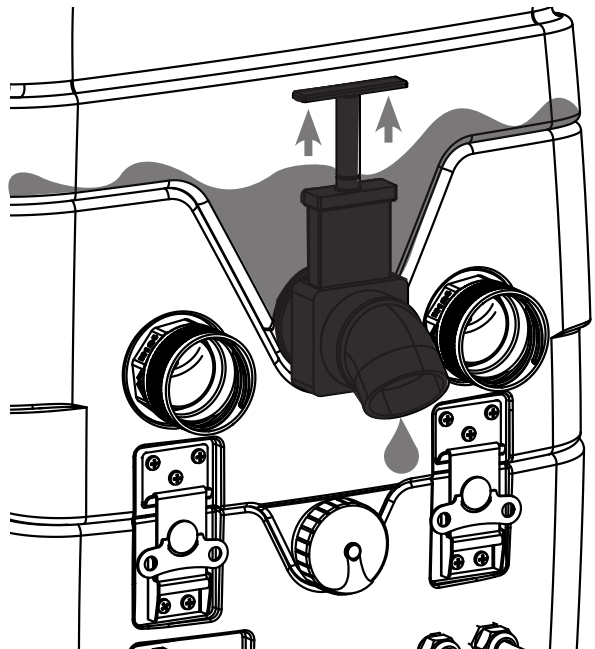
To open the Speedster® LTD, loosen the rear latches by turning them one quarter turn counter-clockwise. Flip the latches down and then lift up on the push handle and the machine will open up.

CHEMICAL METERING



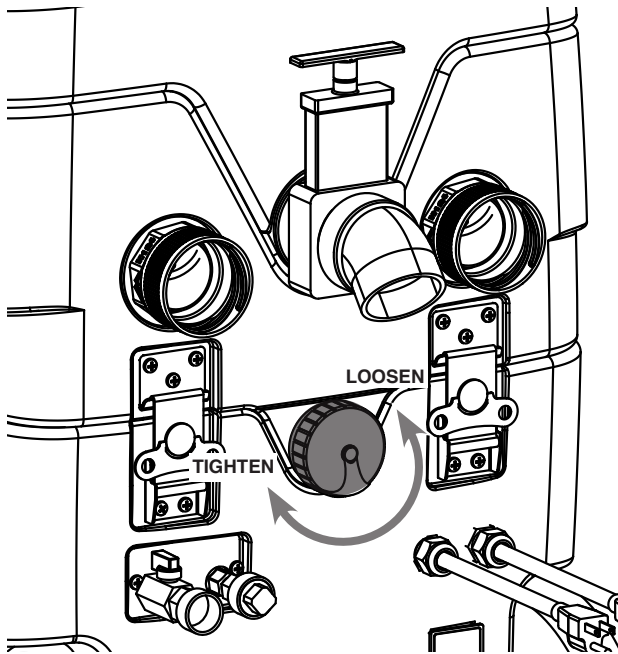
Connect garden hose to auto-fill. (1) Hang the included chemical bottle (part # P535) from the side of the machine and fill it with the desired chemical concentrate. (2) Set meter to desired ratio. Meter is measured in GPH (Gallons Per Hour), which indicates how many gallons per hour of concentrated chemical will be metered. Begin running the machine. Chemical will only be injected as the tank fills through the auto-fill.

EMPTYING THE RECOVERY TANK



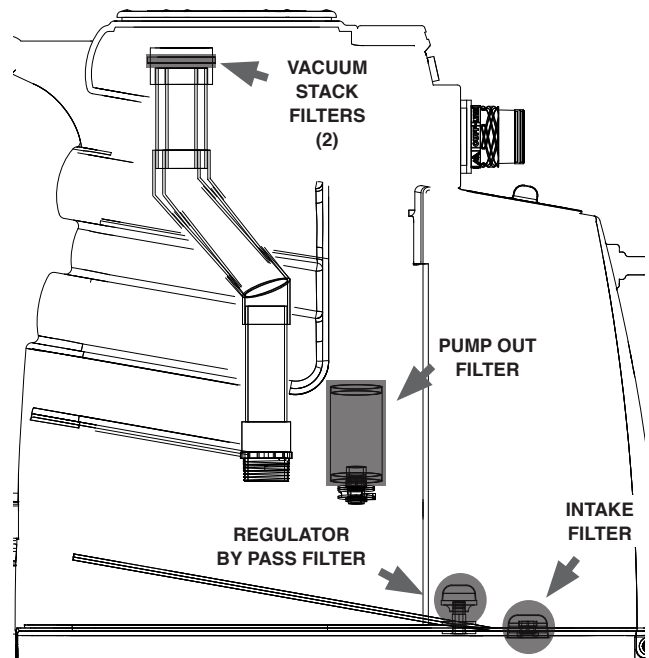
Make sure the Auto Pump-Out is turned off and then locate and lift the bucket high drain valve on the rear of the LTD unit to empty the tank.

SPEEDSTER® LTD3 SOLUTION TANK DRAIN VALVE



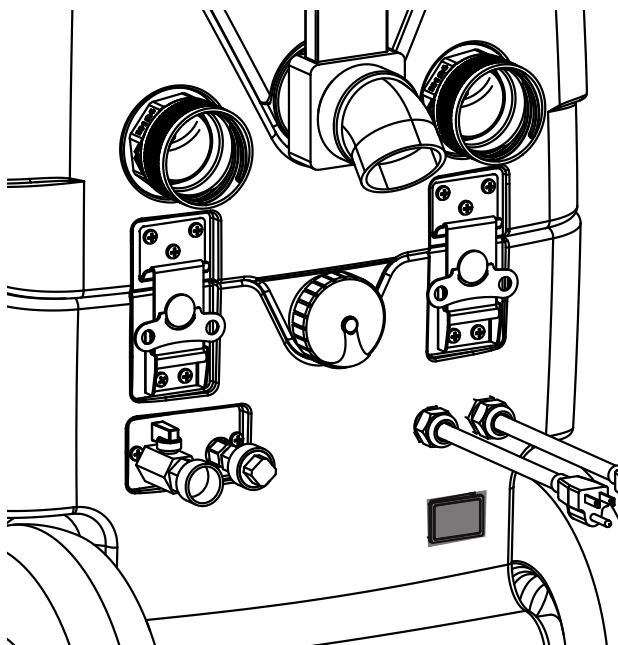
To remove any remaining water in the solution tank, located on the back of the unit is a cap, twist and remove cap to empty tank.

FILTER MAINTENANCE



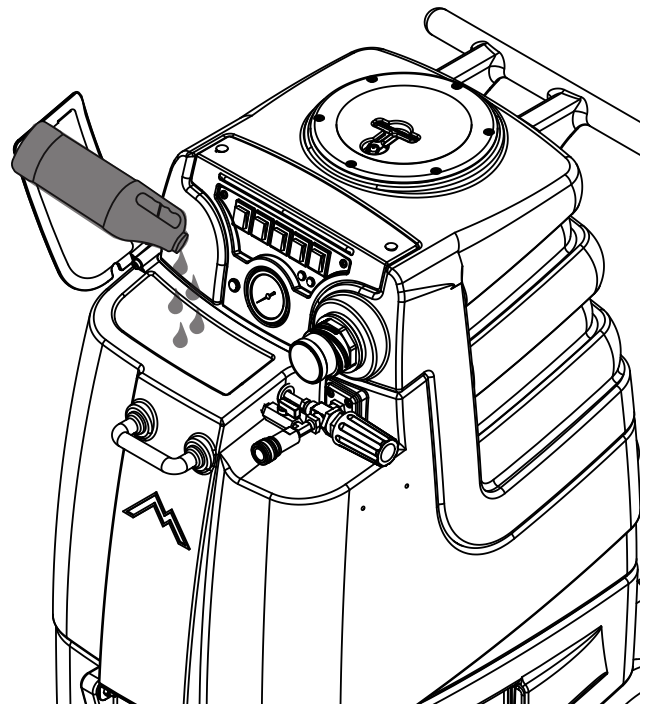
The LTD's five internal filters must be cleaned regularly and are located in the locations listed in the following diagram. Twist the filters to remove them then clean and replace in original locations. If a filter is torn or damaged, replace with a new one.

PUMP HOUR METER



The hour meter activates when the pump is turned on. This helps monitor usage and when to make oil changes. Refer to p. 3 for oil maintenance instructions.

MYTEE® SYSTEM MAINTAINER



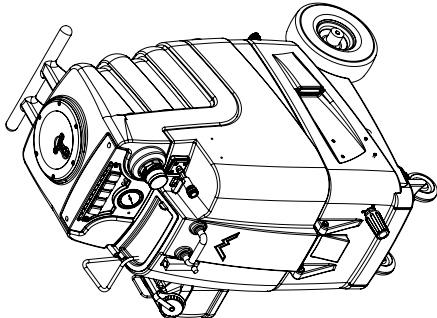
Weekly flushing of the solution system with Mytee® System Maintainer helps keep lines clean and prevents chemical build-up, improving pump life, performance, and pressure.

SPEEDSTER® LTD3 PARTS & PRICING

ITEM NO.	PART NO.	DESCRIPTION	QTY.	MSRP	ITEM NO.	PART NO.	DESCRIPTION	QTY.	MSRP	ITEM NO.	PART NO.	DESCRIPTION	QTY.	MSRP
1	B140	adapter, brass, 1/2" bore x 3/8" hex, bot end	3	\$3.49 ea	67	PH634-26	sol hose, 1/4" silicone braided, clear	1	\$6.49 ea	133	A926	elbow, inlet assembly, Z"	1	\$15.99 ea
2	B173	female, 1/2" brass	8	\$0.99 ea	68	P535	bolts, 5 quart, w/ caps	1	\$15.99 ea	134	H226	spoil, drain, 45 degree	1	\$3.19 ea
3	PH615-37	sol hose, 1/2" 304SS, black	1	\$8.99 ft	69	H4568	cap joint, w/ hole	1	\$3.99 ea	135	H225	valve, drain, 1-1/2"	1	\$20.99 ea
4	H212	flat washer, 7/16" ID x 1 1/16" OD, AN860-CH16	2	\$0.99 ea	70	H547	hanger, wire for injection airway	1	\$7.49 ea	136	H333	man filter, auto dump, 1/2" npt	1	\$12.99 ea
5	B199	coupler, 1/2" bpt x 1/4" npt	3	\$8.99 ea	71	B131	filling, 1/4" bore x 1/8" npt	2	\$2.99 ea	137	H503	vac support, 3 stage, 3.25" no brae	6	\$3.99 ea
6	B444	adapter, brass, 1/2" bore x 1/4" npt	2	\$2.49 ea	72	PH634-18	sol hose, 1/4" silicone braided, clear	1	\$6.49 ea	138	G004	gasket, vacuum motor	2	\$8.99 ea
7	PH615-9	sol hose, 1/2" 304SS, black	1	\$8.99 ft	73	B143	steel elbow, 90 degrees, 1/8"	2	\$2.99 ea	139	PH628-7	vac hose, 2" block, wire reinforced	4	\$1.49 ea
8	C381	pump out, 11.5v	1	\$187.49 ea	74	H299	washer, 1 1/16" ID x 1 1/2" OD x .075, 1/8"	9	\$0.99 ea	140	H217	clomp, hose, 2 1/4" dia	4	\$1.49 ea
9	H184	screw, 10-32 x 3/4, phl flat full thread	10	\$0.99 ea	75	B216	nylon, brass, 3/8" x cube	2	\$1.99 ea	141	H194	coupler, Z" dex 2.5" length, 1/8"	2	\$10.00 ea
10	H210	washer, 1/4" flt, 1/8"	28	\$0.99 ea	76	B210	burning brass, 1/2" npt x 3/8" bpt hex	2	\$2.49 ea	142	C302LA	vac motor, 3 stage, low amp	2	\$19.99 ea
11	H273	nut, 1/8", 10-32 fine	20	\$0.99 ea	77	B119A	filter, shainer, 1/4"	1	\$6.49 ea	143	H096	tee, brass, 1/4" flt	6	\$0.99 ea
12	H109	wired, 10", foam lined	2	\$79.99 ea	78	B119	filter, shainer, 1/4"	1	\$6.49 ea	144	B113	tee, brass, 1/4" flt	1	\$4.99 ea
13	H042	c-clip, 12mm, external	2	\$0.99 ea	79	H254	washer, oale, cul 1/2" id	2	\$0.99 ea	145	B443	adapter, brass, 3/8" npt x 1/4" mpt	1	\$4.99 ea
14	H222	oale, 19.40" x .50"	1	\$9.99 ea	80	B110	adapter, brass, 1/4" sw bore x 1/2" fl w/gasket	2	\$3.99 ea	146	B207	elbow, brass, 90 deg, 1/4" flt x 1/4" flt	1	\$5.99 ea
15	P514	vent, side, 11D	2	\$5.00 ea	81	H201	bol, 1/4-20 x 1/2", hex head, .9nc	2	\$0.99 ea					
16	H668	coiler, 4", block tub & grey head	2	\$19.49 ea	82	H213	washer, 1/4" bore, 1/8"	8	\$0.99 ea					
17	H342	nut, lock, 1/4-20 x 1" hex head, 1/8"	8	\$0.99 ea	83	H378	bracket, foot hinge, 10/16"	1	\$8.99 ea					
18	H216	nut, lock, 1/4-20, nylon insert, 1/8"	14	\$0.99 ea	84	H204	bol, 1/4-20 x 1 3/4" hex head, 1/8"	2	\$0.99 ea					
19	B103	elbow, brass, 90 deg, 1/4" npt x 1/4" flt	5	\$4.49 ea	85	H465	handle, aluminum, gfo, black	1	\$6.99 ea					
20	H044	bracket, regulator, panel mount	1	\$27.99 ea	86	G052	washer, burro 1 1/8" oad 3/16" id	2	\$1.99 ea					
21	B127	plug, brass, 1/4" npt, hex	1	\$0.99 ea	87	H211	bol, 1/4-20 x 3/4" serrated hex flange, .9nc	2	\$0.99 ea					
22	C313C	regulator, 40 psi, silver spring	1	\$58.99 ea	88	H768	bol, 1/4-20 x 1/2" female cull	1	\$141.95 ea					
23	B136	elbow, brass, 90 deg, 1/4" npt x 1/4" mpt	1	\$4.99 ea	89	P509	LX series sol tank	1	\$6.99 ea					
24	AH184	hose, 3/8" x 14 1/2" (OAL), 1	1	\$27.99 ea	90	H650	bol, 5/16" shoulder x 1 1/2" lg, davy	1	\$9.00 ea					
25	PH634-23	sol hose, 1/4" silicone braided, clear	1	\$6.49 ft	91	P513	soluion tank lid, 11D	1	\$2.00 ea					
26	B170	female, 1/4" brass	3	\$0.99 ea	92	H300A	bracket, 1"	2	\$4.99 ea					
27	B109	adapter, brass, 1/4" bore x 1/4" mpt	1	\$1.99 ea	93	H770	bol, 1/4-20 x 1/2" serrated hex flange, .9nc	4	\$0.99 ea					
28	P511	LX series base	2	\$196.99 ea	94	H124	Cuff-Lynx, Z" mpt x Z" female cull	2	\$3.99 ea					
29	H202	bol, 1/4-20 x 1/4" hex head	4	\$8.49 ea	95	H484	coupling, brass, 1/4" flt x 1/4" flt	1	\$4.99 ea					
30	B452	elbow, brass, 90 deg, 3/8" mpt x 1/4" mpt	2	\$8.49 ea	96	B102A	tee, brass, 1/4" npt	1	\$13.49 ea					
31	B259A	qd, brass, 1/4" flt x 1/4" flt	3	\$15.99 ea	97	B135	bol valve, 1/4"	1	\$6.49 ea					
32	B260A	qd, brass, 1/4" flt x 1/4" flt	3	\$8.99 ea	98	B456	bol valve, 1/4"	1	\$6.49 ea					
33	AH105	hose, 3/8" x 17 1/2"	1	\$31.99 ea	99	PH634-36	sol hose, 1/4" silicone braided, clear	1	\$6.49 ft					
34	B107	nylon, brass, 1/4" npt, hex	7	\$3.99 ea	100	B102	qd, brass, 1/4" x 1/4" flt	1	\$17.99 ea					
35	B186	elbow, brass, 90 deg, 3/8" mpt x 3/8" mpt	4	\$8.99 ea	101	AH203	hose, plate, 3/8" x 3/4"	1	\$47.99 ea					
36	B105	burning brass, 3/8" mpt x 1/4" mpt	3	\$3.19 ea	102	H501A	valve, foot, stainless	1	\$108.99 ea					
37	PH615-8	sol hose, 1/2" silicone braided, clear	1	\$8.99 ft	103	B198	adapter, 3/4" flt x 1/2" mpt w/ gasket	1	\$10.99 ea					
38	C313A	pump, CAT, 50-500 PSI, 120/240v	1	\$699.99 ea	104	B167	flange above, 1/2" flt x 1/2" mpt	1	\$10.99 ea					
39	PH615-26	sol hose, 1/2" 304SS, black	1	\$8.99 ft	105	B303	coupling, 3/8" flt x 1/4" flt	2	\$8.99 ea					
40	B123	adapter, brass, 1/2" bore x 1/4" flt	1	\$4.99 ea	106	B208	coupling, 3/8" flt x 1/4" flt	1	\$8.99 ea					
41	H466	brch, foot	2	\$13.99 ea	107	H511C	LX series sol tank	1	\$39.99 ea					
42	H203	screw, 10-32 x 1/2" phl pan head, 1/8"	22	\$1.99 ea	108	P512	chemical injector	1	\$24.00 ea					
43	G046	bracket, circut light	2	\$1.99 ea	109	E511	LX series sol tank	2	\$3.99 ea					
44	E544	conifer, circut light	1	\$42.99 ea	110	E516	switch, rocker, 3 position	2	\$14.99 ea					
45	H221	nut, lock, 1/2" flt	2	\$3.19 ea	111	AH120	sol hose, 28" x 1/4" 1/4" flt	1	\$38.99 ea					
46	H220	fling, stron, inlet, cord	2	\$3.99 ea	112	H3080	gaskets, pressure, 2000psi	1	\$38.99 ea					
47	E550	power cord, digital, 30', 120, black	1	\$33.99 ea	113	E515	switch, rocker, 2 position	4	\$13.99 ea					
48	E549	hour meter, panel mount, analog	2	\$35.99 ea	114	H275	gaskets, switch, 1/8"	1	\$2.99 ea					
49	B208	qd, 1/2" rd x 3/4" npt, pump-out	2	\$9.99 ea	115	E352	LED light, with lead wires	1	\$2.99 ea					
50	B204	qd, 3/4" female x female, garden hose	2	\$9.99 ea	116	H431	gaskets, screw, 10 x 1"	2	\$4.48 ea					
51	B466A	bol valve, 1/2" mpt x 1/2"	1	\$14.49 ea	117	H431	gaskets, screw, 10 x 1"	2	\$4.48 ea					
52	H039	bol valve, 1/2" mpt x 1/2"	1	\$9.99 ea	118	H135	Cuff-Lynx, Z" mpt x 1/4" flt	1	\$3.99 ea					
53	H231	screw, 10-32 x 1" phl pan head, 1/8"	2	\$0.99 ea	119	P510	LX series sol tank	1	\$79.99 ea					
54	H238	bracket, heater, coupler, dual	2	\$29.99 ea	120	P514	nut, lock, 1 1/2" flt	2	\$1.99 ea					
55	AH156	hose, 3/8" x 6.5" (OAL), 1" hex, 5800 Gpm	1	\$33.99 ea	121	P520	adapter, pvc, 1 1/2" mpt x 1 1/2" flt	2	\$1.99 ea					
56	E571	thermistor, 100°F to 170°F, Nema 114"	2	\$17.99 ea	122	P503	adapter, 1.5" pvc, 45 deg, 1/8" x 1/8"	4	\$2.29 ea					
57	E574	screw, 10-32 x 1/2" phl pan head, 1/8"	10	\$0.99 ea	123	P504	adapter, 1.5" pvc, 45 deg, 1/8" x 1/8"	4	\$2.29 ea					
58	H274	screw, 1/4 x 3/4" phl pan head, 1/8"	10	\$0.99 ea	124	G090	screw, 4 x 3/8 phl pan head, 1/8"	6	\$0.99 ea					
59	E573	thermistor, 200°F to 110°F	2	\$16.49 ea	125	G091	qd, sol tank, 45 deg, 7"	1	\$35.99 ea					
60	E571	heating cord, 1000W, 115v	1	\$51.99 ea	126	PH633-1	gasket, 7", oad	2	\$1.99 ea					
61	PH53A	heating cord, 1000W, 115v	1	\$51.99 ea	127	G003	flter, foam, Z" x 3" o.d.	2	\$1.99 ea					
62	B127	nylon, brass, 1/8" mpt x 1/8" mpt	2	\$1.99 ea	128	G097	screen, mesh flter, 1/12" dia	2	\$4.99 ea					
63	H255	flow meter, electric, 1/4" mpt	1	\$18.99 ea	129	P502	adapter, 1.5" pvc, 1/8" x 1/8"	2	\$3.00 ea					
64	G069	gasket, flow meter	1	\$0.99 ea	130	PH633-06	pvc, pvc, 1-1/2"	2	\$4.99 ft					
65	G036	cap, 2.5" threaded, 1/4" mpt	2	\$3.49 ea	131	PH633-03	pvc, pvc, 1-1/2"	2	\$4.99 ft					
66	B117	braker, with check, chemical injector	1	\$18.99 ea	132	PH633-4	pvc, pvc, 1-1/2"	2	\$4.99 ft					

ITEMS NOT SHOWN

PART NO.	DESCRIPTION	QTY.	MSRP
E551	harness, electrical	1	\$29.99 ea
G006	power cord, 22' 120, black	1	\$29.99 ea
G007	power cord, 22' 120, black	1	\$29.99 ea
G076	flter bag, 3.5" media o-ring, mesh bag	1	\$4.99 ea
H110	Cuff-Lynx, Z" hose x Z" fem swivel	1	\$3.99 ea
H141	Cuff-Lynx, 2" hose x 2" fem swivel	1	\$3.99 ea
H230	screw, 10-32 x 1/2" phl pan head, 1/8"	2	\$0.99 ea
PH66A	hose, 3/8" x 1/4" mpt, 1/2"	2	\$6.99 ea
P590	cullie, 1/4" oad, standard back of 2	1	\$2.99 ea

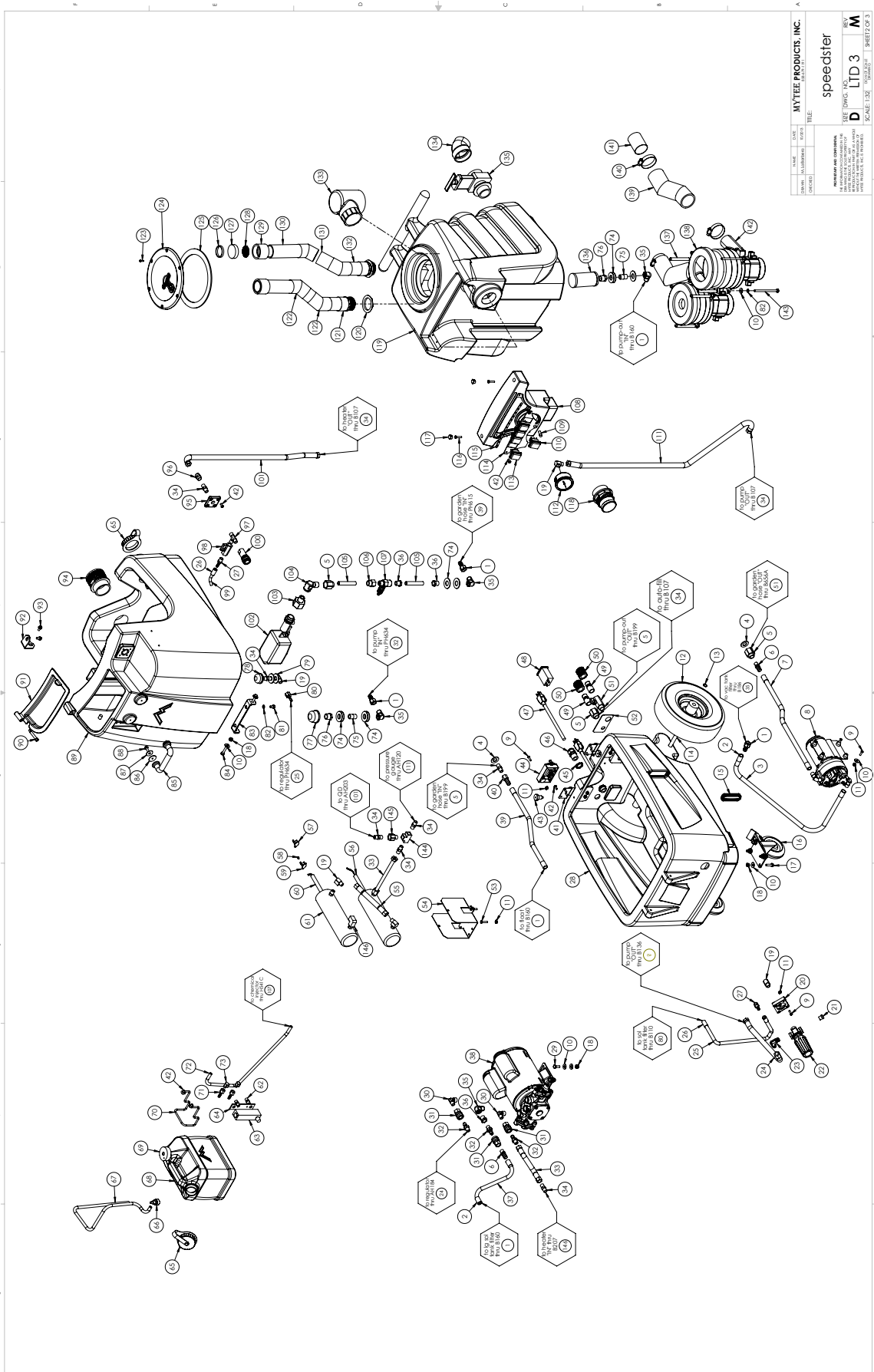


MYTEE PRODUCTS INC.
SPEEDSTER LTD3
SCALE 1:32
SHEET 013

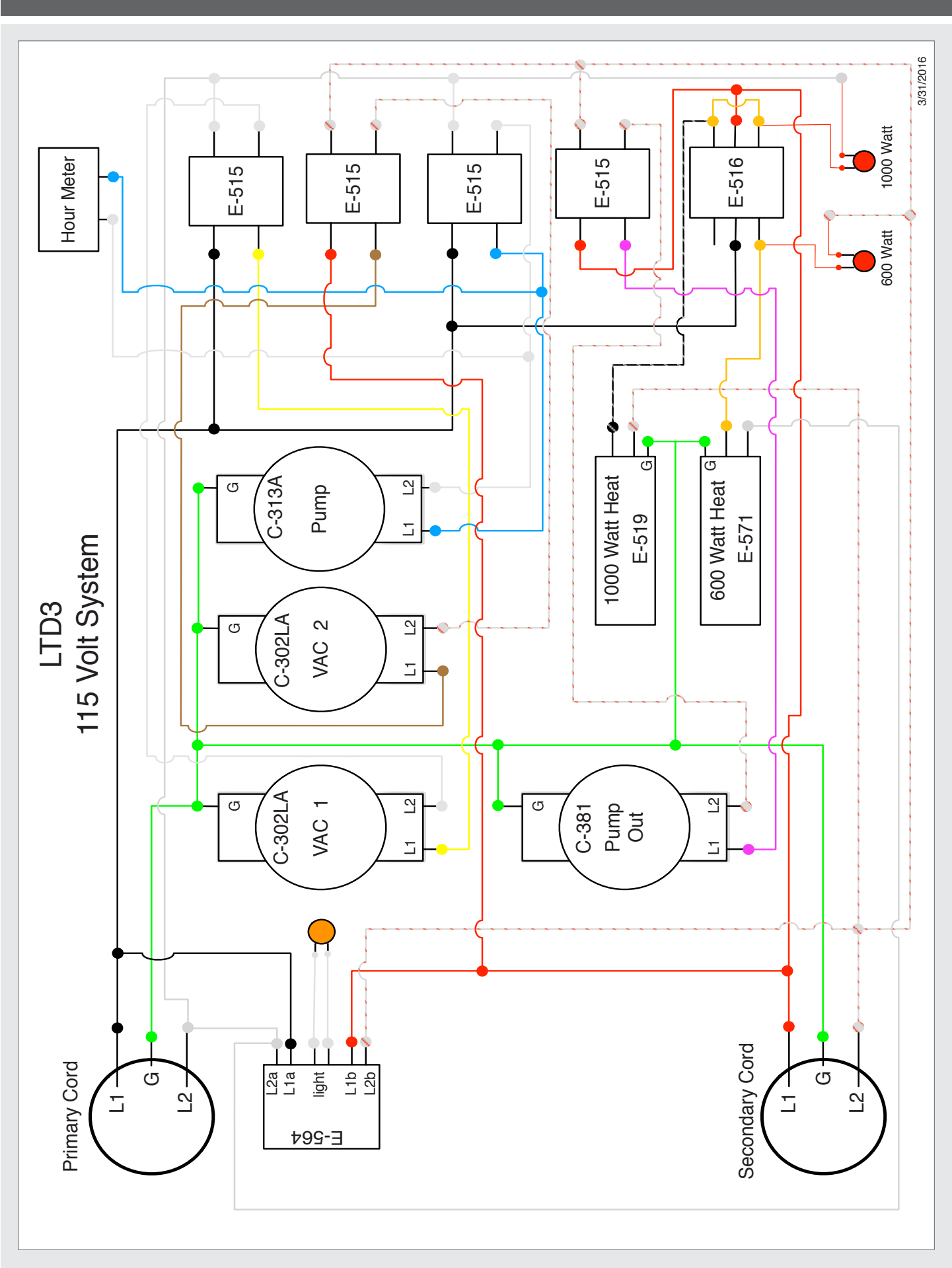
speedster
LTD3
M

MYTEE PRODUCTS INC.
SPEEDSTER LTD3
SCALE 1:32
SHEET 013

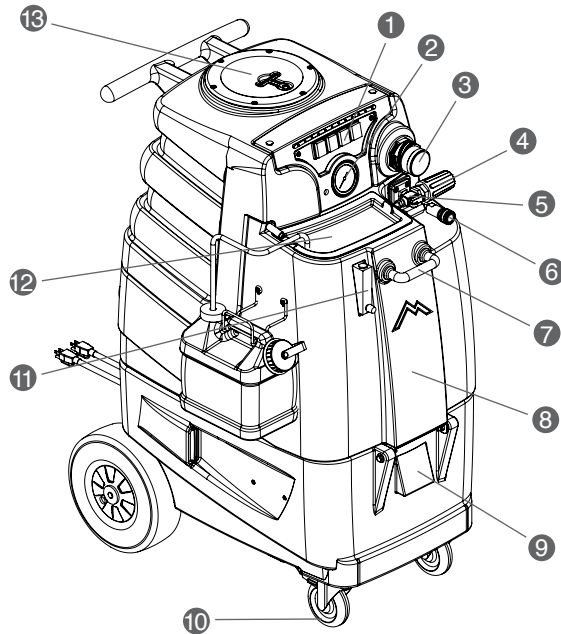
SPEEDSTER® LTD3 PARTS & PRICING



SPEEDSTER® LTD3 WIRING DIAGRAM

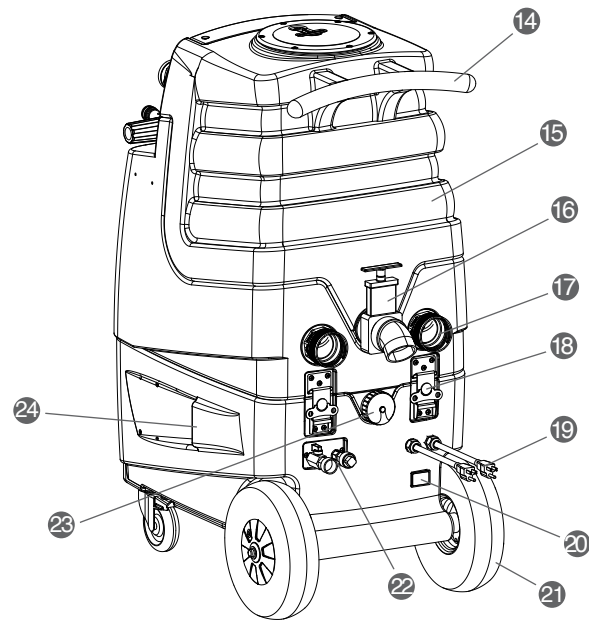


SPEEDSTER® LTD5 FRONT



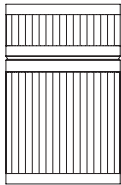
- | | |
|-----------------------------|------------------------|
| 1. Switch Plate | 8. Solution Tank |
| 2. PSI Gauge | 9. Front Vent |
| 3. 2" Male Cuff-Lynx™ Inlet | 10. 4" Locking Casters |
| 4. Pressure Regulator | 11. Chemical Metering |
| 5. Prime Valve | 12. Solution Lid |
| 6. Female Quick Disconnect | 13. Recovery Lid |
| 7. Front Handle | |

SPEEDSTER® LTD5 BACK

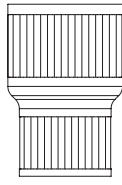


- | | |
|-------------------------------|---|
| 14. Push Handle | 21. 10" Foam Filled Semi-Pneumatic Wheels |
| 15. Recovery Tank | 22. Auto Fill & Pump-Out Hose Connections |
| 16. Recovery Tank Drain Valve | 23. Solution Tank Drain |
| 17. Rear Vacuum Exhaust | 24. Side Vent |
| 18. Service Latches | |
| 19. Power Cords | |
| 20. Hour Meter | |

SPEEDSTER® LTD5 ITEMS INCLUDED



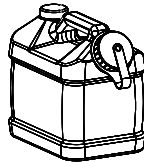
H110 Cuff-Lynx™
2" x 2" Hose Adapter



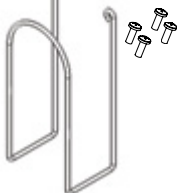
H141 Cuff-Lynx™
2" x 1.5" Hose Reducer



G008 Pack of Piglet™
filters



P535 5 qt. Chemical Bottle



H375 Hose Hanger
(4) screws

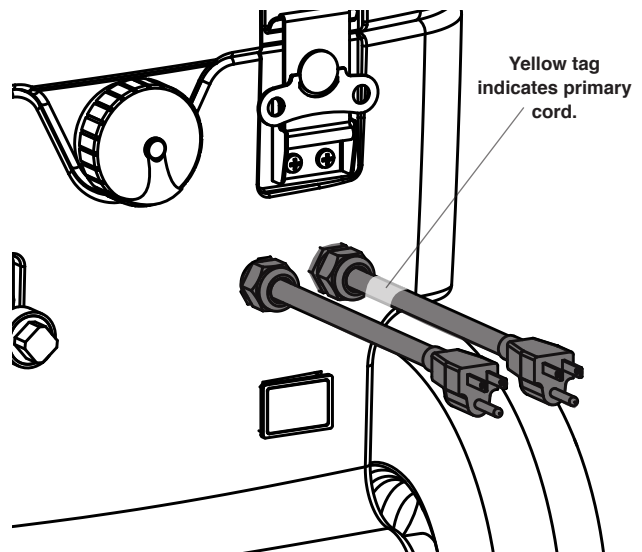


H226 Drain Elbow

POWER CORDS

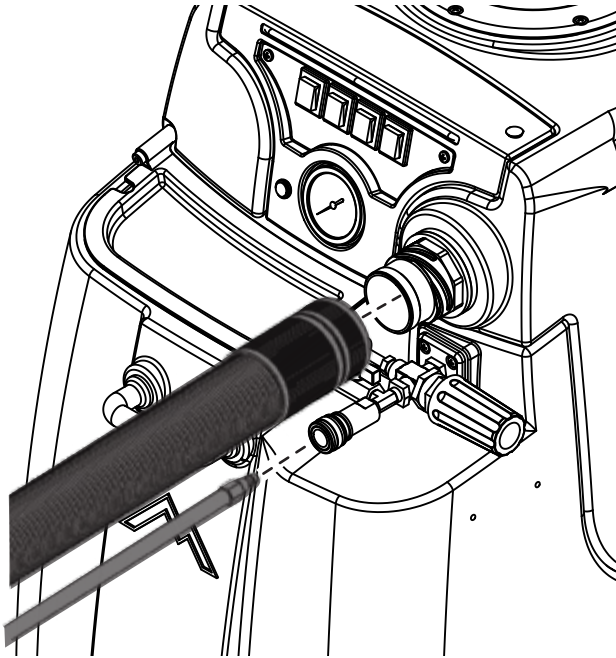
(Primary) Right Cord: Plug in yellow-tagged power cable for Power To Vac 1, & Pump.

(Secondary) Left Cord: Plug in power cable for Vac 2 and the Pump-Out.



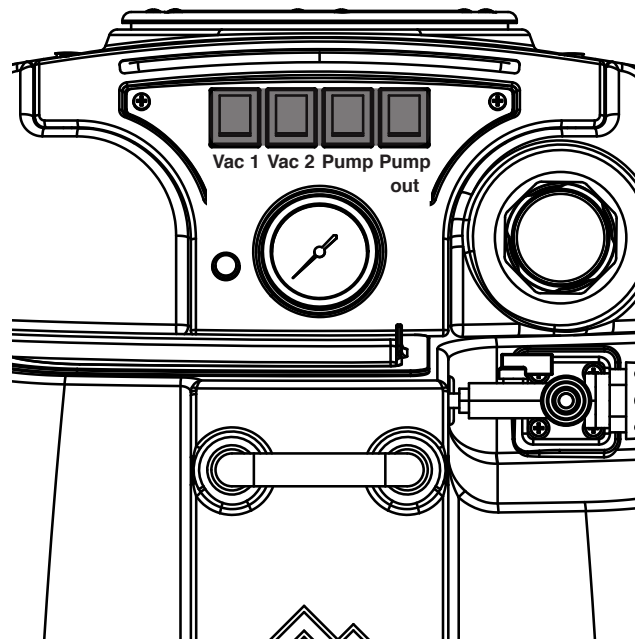
Plug each power cord into a separate, 20A grounded wall outlet. **Outlets must be on two separate breakers.** When the amber light on the switch plate illuminates, the machine is on separate circuits (not necessarily 20A circuits). You can identify the primary cord by the yellow tag.

VACUUM AND SOLUTION HOSE CONNECTIONS



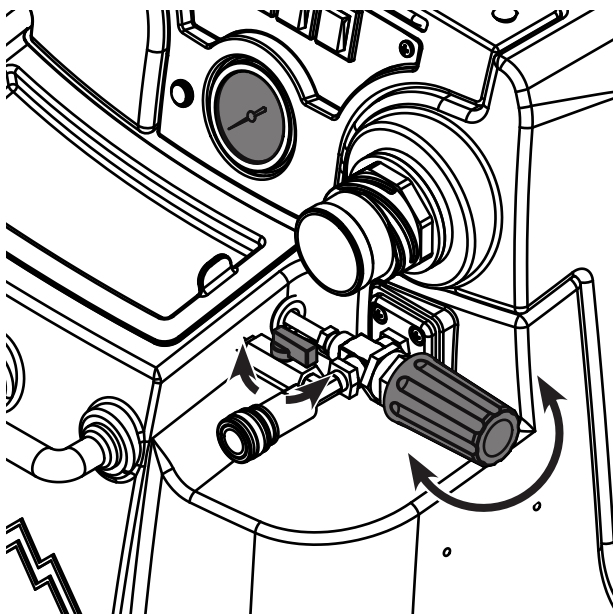
Attach female end of a solution hose to a wand or tool and the male end to the LTD's QD. Then connect a vacuum hose to a wand and the 2" male Cuff-Lynx™ hose port. (If using the optional de-foamer, install the kit onto the vacuum port according to the instructions that come with the de-foamer kit.)

SWITCH PLATE



To use vacuum, turn on Vac 1 and Vac 2. To use pump, turn on Pump. To use pump-out, turn on Pump-Out switch.

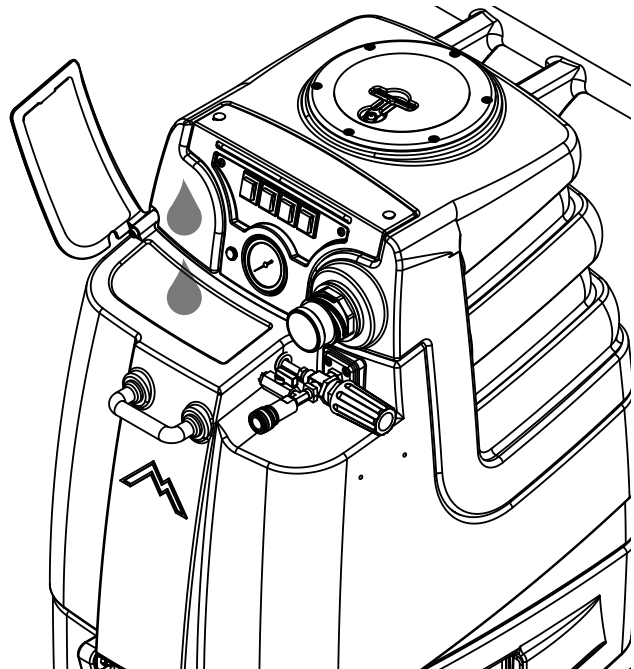
PRIME VALVE & PRESSURE REGULATOR



Prime the pump by having the Prime Valve parallel with its pipe and turn it clock-wise to run the pump. Turning the Pressure Regulator to its left will decrease water pressure and turning to the right will increase water pressure.

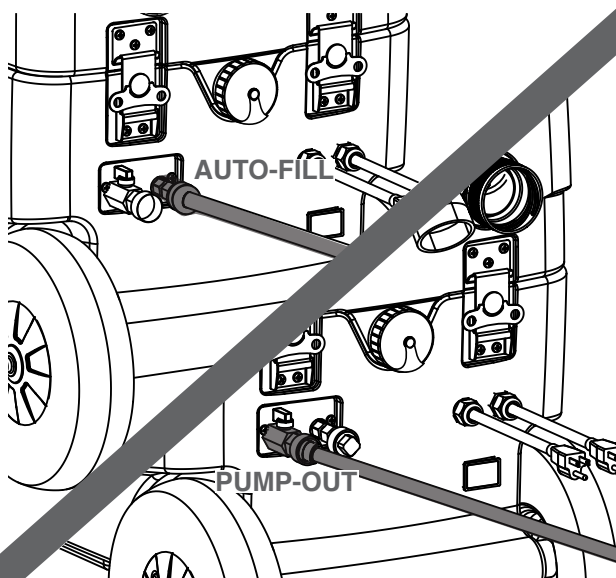
*Please refer to the Pressure Gauge to monitor your water pressure.

FILLING THE SOLUTION TANK



You can lift the lid to manually fill the tank or follow the "Operating Instructions" for auto-fill use. **IMPORTANT: Before refilling solution tank, make sure the recovery tank is empty.**

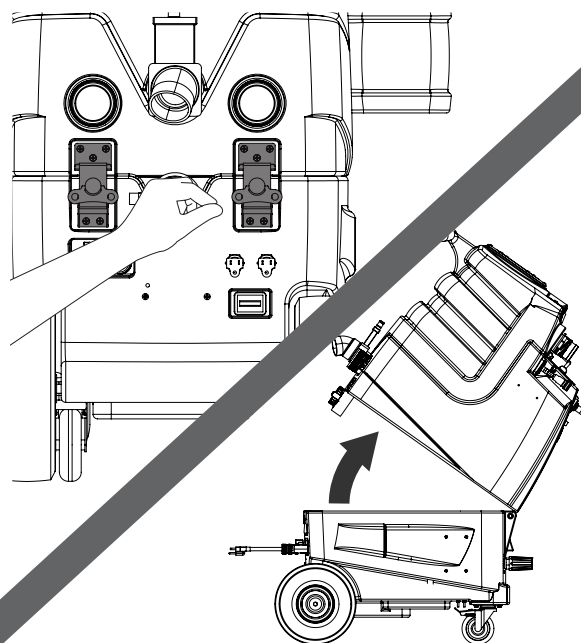
AUTO-FILL & PUMP-OUT CONNECTIONS



Auto-fill: Connect standard garden hose from water source to LTD auto-fill connection. Turn on the water source and let the tank begin to fill. It will shut off when the water level reaches the LTD's electronic float switch.

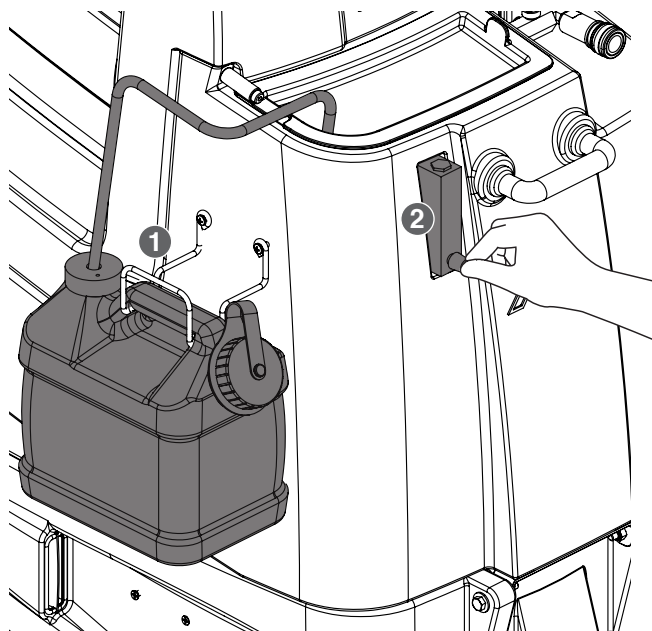
Pump-out: Connect a second standard garden hose to the LTD's pump-out connection and lay the other end of the hose in a drainable location. Activate the pump-out switch on the front of the machine and open the ball valve on the pump-out connection. The LTD will automatically drain recovered water from the tank.

OPENING THE MACHINE



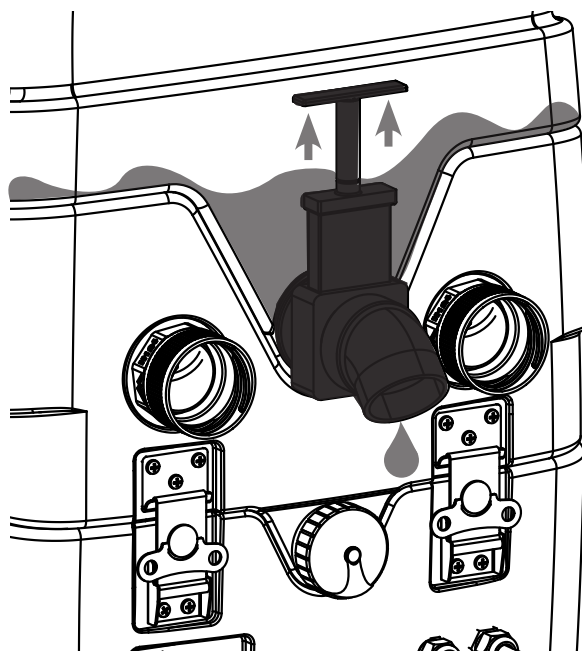
To open the Speedster® LTD, loosen the rear latches by turning them one quarter turn counter-clockwise. Flip the latches down and then lift up on the push handle and the machine will open up.

CHEMICAL METERING



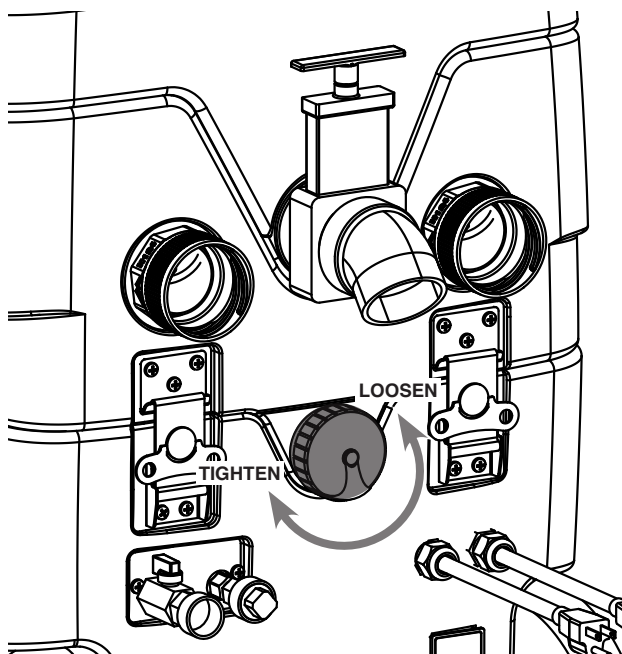
Connect garden hose to auto-fill. (1) Hang the included chemical bottle (part # P535) from the side of the machine and fill it with the desired chemical concentrate. (2) Set meter to desired ratio. Meter is measured in GPH (Gallons Per Hour), which indicates how many gallons per hour of concentrated chemical will be metered. Begin running the machine. Chemical will only be injected as the tank fills through the auto-fill.

EMPTYING THE RECOVERY TANK



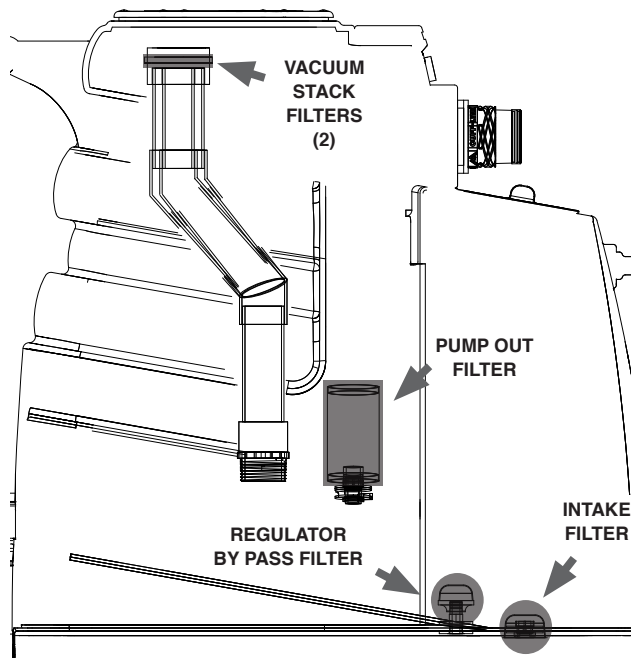
Make sure the Auto Pump-Out is turned off and then locate and lift the bucket high drain valve on the rear of the LTD unit to empty the tank.

SOLUTION TANK DRAIN VALVE



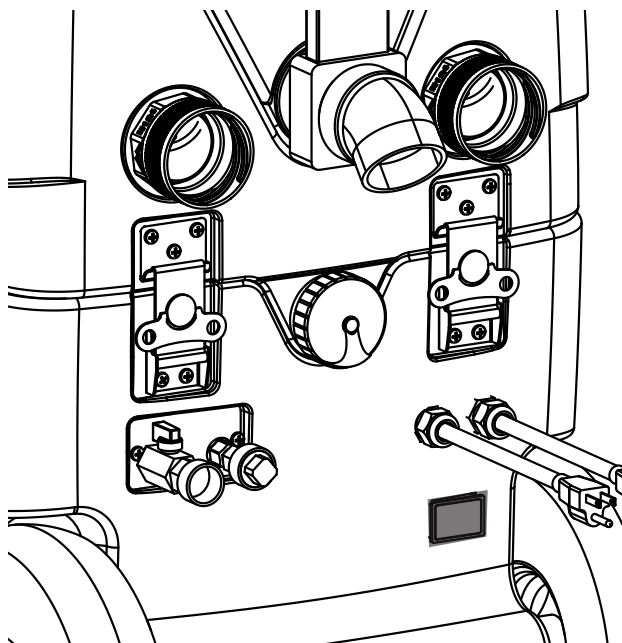
To remove any remaining water in the solution tank, located on the back of the unit is a cap, twist and remove cap to empty tank.

FILTER MAINTENANCE



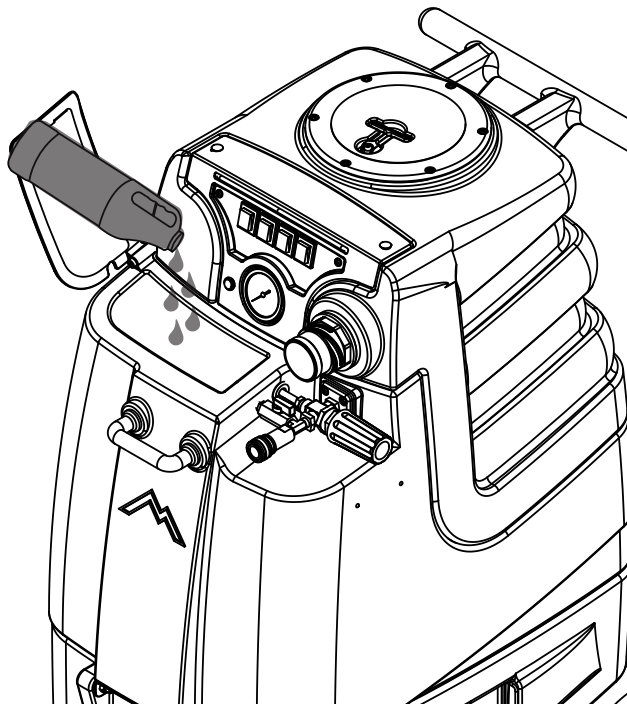
The LTD's five internal filters must be cleaned regularly and are located in the locations listed in the following diagram. Twist the filters to remove them then clean and replace in original locations. If a filter is torn or damaged, replace with a new one.

PUMP HOUR METER



The hour meter activates when the pump is turned on. This helps monitor usage and when to make oil changes. Refer to p. 3 for oil maintenance instructions.

MYTEE® SYSTEM MAINTAINER



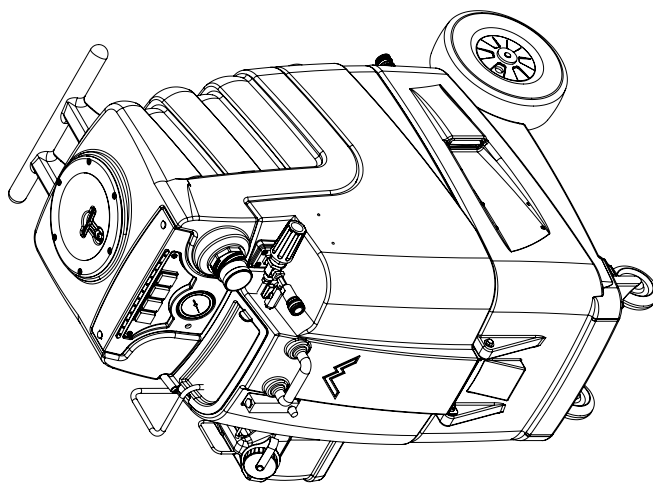
Weekly flushing of the solution system with Mytee® System Maintainer helps keep lines clean and prevents chemical build-up, improving pump life, performance, and pressure.

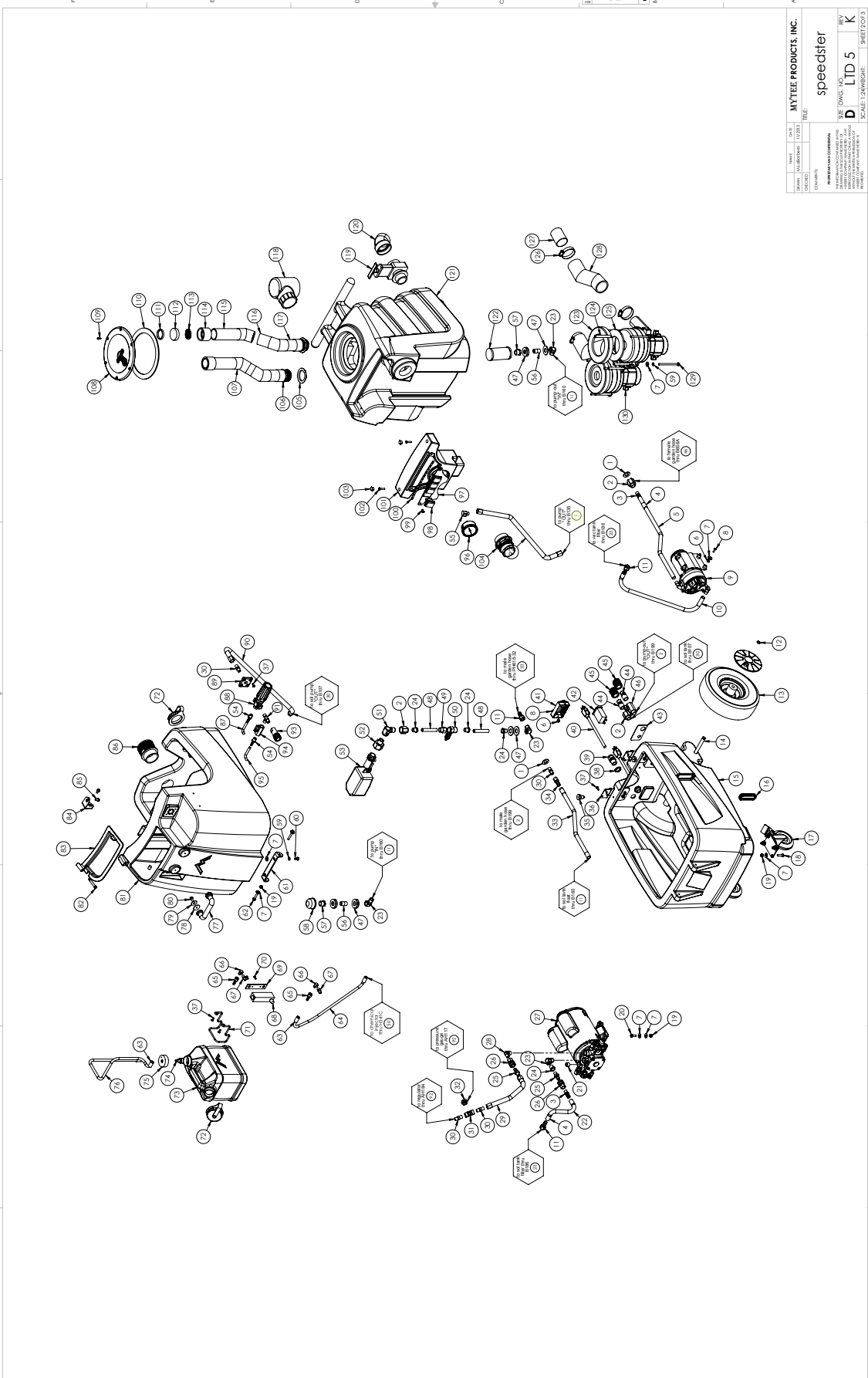
ITEM NO.	PART NO.	DESCRIPTION	QTY.	MSRP	ITEM NO.	PART NO.	DESCRIPTION	QTY.	MSRP
1	H212	flat washer, 9/16 x 1/16 OD, AN160-C316	2	\$0.99 ea	81	P509	LX series oil tank	1	\$14.95 ea
2	B199	coupler, 1/2" bpb x 1/4" tpi	3	\$8.99 ea	82	H460	bol, 5/16" shoulder, 1-1/2" lg, alloy	1	\$0.99 ea
3	B444	adapter, broom, 1/2" bpb x 1/4" tpi	2	\$2.49 ea	83	P513	solution tank lid, LTD	1	\$9.00 ea
4	B173	flange, 1/2" bpb	6	\$0.99 ea	84	H474	flange, 1/2" bpb	2	\$0.99 ea
5	B174	nut, lock, 1/2" bpb	4	\$0.99 ea	85	H475	flange, 1/2" bpb	2	\$0.99 ea
6	H203	nut, lock, 1/2" bpb	4	\$0.99 ea	86	H124	CuFl-Lynx, 2" mpt x 2" female cuff	2	\$3.99 ea
7	H210	washer, 1/4" tpi x 1/8"	30	\$0.99 ea	87	H463-20	oil hose, 1/4", silicone braided, clear	1	\$4.49 ft
8	H186	screw, 1/32 x 3/4" phl flat head	4	\$0.99 ea	88	C313C	regulator, 450 psi, air/water spring	1	\$84.99 ea
9	C381	pump out, 115v	1	\$187.49 ea	89	H484	plate mounting, QD	1	\$4.99 ea
10	H4615-57	oil hose, 1/2", 3045psi, black	2	\$8.99 ft	90	H4203	hose pulser, 3/8" x 3/4", 3/8" fling [DAL]	1	\$47.99 ea
11	H4615-57	oil hose, 1/2", 3045psi, black	2	\$8.99 ft	91	H4203	hose pulser, 3/8" x 3/4", 3/8" fling [DAL]	1	\$47.99 ea
12	H409	adapter, 1/2" bpb x 1/4" tpi	2	\$0.99 ea	92	AH120	oil hose, 3/8" x 1/4", 1/4" tpi	1	\$34.99 ea
13	H102	wheel, 10", foam filled	2	\$79.99 ea	93	B102	oil hose, 1/4" x 1/4" tpi	1	\$17.99 ea
14	H232	oil, 19407 x .50"	1	\$9.99 ea	94	B456	ball valve, 1/4"	1	\$13.49 ea
15	P511	LX series base	1	\$196.97 ea	95	H463-36	oil hose, 1/4", silicone braided, clear	1	\$4.49 ft
16	P514	vent, 45psi, LTD	2	\$50.00 ea	96	H3080	gauge, pressure, 2000psi	1	\$38.99 ea
17	H202	coupler, 1/2" bpb x 1/4" tpi	2	\$0.99 ea	97	H463-36	oil hose, 1/4", silicone braided, clear	1	\$4.49 ft
18	H202	coupler, 1/2" bpb x 1/4" tpi	2	\$0.99 ea	98	H463-36	oil hose, 1/4", silicone braided, clear	1	\$4.49 ft
19	H216	nut, lock, 1/4" x 20, mpt/mpt 1/8"	14	\$0.99 ea	99	H209	switch, rocker, 2 position	4	\$13.99 ea
20	H202	coupler, 1/2" bpb x 1/4" tpi	4	\$0.99 ea	100	E352	LED light, with lead wires	2	\$24.99 ea
21	B246	pad, broom, 3/8" mpt, hex	1	\$1.99 ea	101	P512	LX series switchbox	1	\$24.00 ea
22	H186	screw, 1/32 x 3/4" phl flat head	4	\$0.99 ea	102	H4031	pad, vent, inqress, 1/2"	2	\$0.99 ea
23	H186	screw, 1/32 x 3/4" phl flat head	4	\$0.99 ea	103	H4031	pad, vent, inqress, 1/2"	2	\$0.99 ea
24	H186	screw, 1/32 x 3/4" phl flat head	4	\$0.99 ea	104	H1335	CuFl-Lynx, 2" mpt x 2" female cuff	2	\$3.99 ea
25	B260A	oil, 19407 x .50"	2	\$8.99 ea	105	H4134	nut, lock, 1/2" tpi, steel	2	\$1.99 ea
26	B260A	oil, 19407 x .50"	2	\$8.99 ea	106	P520	adapter, pvc, 1-1/2" mpt x 1-1/2" tpi	2	\$2.99 ea
27	C313A	pump, C-AT, 50-500 PSI, 120/240v	1	\$599.99 ea	107	P503	adapter, 1.5" pvc, 45 deg, flip x flip	4	\$3.29 ea
28	B452	elbow, broom, 90 deg, 3/8" mpt x 1/4" tpi	1	\$8.49 ea	108	C390	lid, vac tank, clear, 7"	1	\$34.99 ea
29	AH184	hose pulser, 3/8" x 1/4" 1/2" [DAL]	1	\$27.99 ea	109	H304	screw, #8 x 3/8" phl, oval, 1/8"	6	\$0.99 ea
30	H463-36	oil hose, 1/4", silicone braided, clear	1	\$4.49 ft	110	H463-36	oil hose, 1/4", silicone braided, clear	1	\$4.49 ft
31	B113	nut, lock, 1/4" x 20, mpt/mpt 1/8"	4	\$0.99 ea	111	H463-36	oil hose, 1/4", silicone braided, clear	1	\$4.49 ft
32	B443	adapter, broom, 3/8" mpt x 1/4" tpi	1	\$4.99 ea	112	C303	filter, foam, 2" x .50" o.d.	2	\$1.99 ea
33	H4615-52	oil hose, 1/2", 3045psi, black	1	\$8.99 ft	113	C307	screen, mesh filter, 1-1/2" dia	2	\$4.99 ea
34	B123	adapter, broom, 1/2" bpb x 1/4" tpi	1	\$4.99 ea	114	P502	adapter, 1.5" pvc, flip x flip	2	\$5.00 ea
35	G068	burster, 7/8" x 1/4" head	2	\$1.99 ea	115	H463-56	pipe pvc, 1-1/2"	2	\$4.99 ft
36	H463-56	pipe pvc, 1-1/2"	2	\$4.99 ft	116	H463-56	pipe pvc, 1-1/2"	2	\$4.99 ft
37	H463-56	pipe pvc, 1-1/2"	2	\$4.99 ft	117	H463-56	pipe pvc, 1-1/2"	2	\$4.99 ft
38	H221	nut, lock, 1/2" tpi, steel	2	\$1.99 ea	118	A526	elbow, inlet assembly, 2"	1	\$15.99 ea
39	H220	fling, atomizer, cord	2	\$3.19 ea	119	H225	valve, drain, 1-1/2"	1	\$20.99 ea
40	E554	power cord, digital, 30', 12/3, black	2	\$1.49 ea	120	H226	spout, drain, 45 degree	1	\$3.19 ea
41	E554	power cord, digital, 30', 12/3, black	2	\$1.49 ea	121	P510	LX series vac tank	1	\$99.99 ea
42	E559	controller, circuitlight	1	\$62.99 ea	122	H453	mesh filter, auto dump, 1/2" mpt	1	\$12.99 ea
43	B058	QD, 1/2" mpt x 3/4" mpt, pump-out	2	\$3.99 ea	123	H453	mesh filter, auto dump, 1/2" mpt	1	\$12.99 ea
44	B058	QD, 1/2" mpt x 3/4" mpt, pump-out	2	\$3.99 ea	124	H453	vac support, 3" strap, 3.25" mpt, 1/2"	6	\$3.99 ea
45	B264	oil, 19407 x .50"	2	\$8.99 ea	125	G204-A	gasket, vacuum motor	2	\$4.99 ea
46	B264	oil, 19407 x .50"	2	\$8.99 ea	126	H217	coupler, 2" dia x 2.5" length, 1/8"	4	\$1.49 ea
47	H209	washer, 1-1/2" dia x 1-1/2" od x .075, 1/8"	9	\$0.99 ea	127	H114	coupler, 2" dia x 2.5" length, 1/8"	2	\$10.00 ea
48	B303	ripole, 3" x 1/4" mpt 1/4" tpi	2	\$8.99 ea	128	H4628-7	vac hose, 2" dia, wire reinforced	2	\$8.99 ft
49	H4615-52	oil hose, 1/2", 3045psi, black	1	\$8.99 ft	129	H4615-52	oil hose, 1/2", 3045psi, black	1	\$8.99 ft
50	H4615-52	oil hose, 1/2", 3045psi, black	1	\$8.99 ft	130	C202A	vac motor, 3.75hp, 120V, 145"	2	\$148.99 ea
51	B167	flange, 1/2" bpb x 1/4" tpi	1	\$0.99 ea					
52	B178	adapter, 3/4" tpi x 1/2" mpt, w/ gasket	1	\$16.99 ea					
53	H541-A	valve, foot, auto fill	1	\$108.99 ea					
54	B109	adapter, broom, 1/4" bpb x 1/4" tpi	2	\$1.99 ea					
55	B103	elbow, broom, 90 deg, 1/4" mpt x 1/4" tpi	1	\$1.49 ea					
56	B103	elbow, broom, 90 deg, 1/4" mpt x 1/4" tpi	1	\$1.49 ea					
57	B210	bursting, broom, 1/2" mpt x 3/8" tpi, hex	2	\$2.49 ea					
58	B119A	filter, 1/2"	1	\$4.49 ea					
59	H213	washer, 1/4" lock, 1/8"	8	\$0.99 ea					
60	H201	bol, 1/4-20 x 1/2", hex heads, zinc	2	\$0.99 ea					
61	H208	bracket, front hinge, 9/16"	1	\$8.99 ea					
62	B170	bol, 1/4-20 x 1/2", hex heads, 1/8"	2	\$0.99 ea					
63	B170	bol, 1/4-20 x 1/2", hex heads, 1/8"	2	\$0.99 ea					
64	H4634-18	oil hose, 1/4", silicone braided, clear	1	\$4.49 ea					
65	B131	fling, 1/4" bpb x 1/8" tpi	2	\$2.99 ea					
66	B143	steel elbow, 90 degrees, 1/8"	2	\$1.99 ea					
67	B129	ripole, hex, 1/8" mpt x 1/8" mpt	2	\$1.99 ea					
68	H209	washer, 1-1/2" dia x 1-1/2" od x .075, 1/8"	9	\$0.99 ea					
69	C202	screw, 6-32 x 3/8" SACS, alloy, black	2	\$0.99 ea					
70	H246	screw, 6-32 x 3/8" SACS, alloy, black	2	\$0.99 ea					
71	H247	hanger, wire for inspection groove	1	\$7.49 ea					
72	G036	comp, 2.5" threaded, reinforced	2	\$3.49 ea					
73	P535	bolts, 5 quart, w/ caps	1	\$16.99 ea					
74	B117	strainer, with check, chemical injector	1	\$3.99 ea					
75	H463-56	pipe pvc, 1-1/2"	2	\$4.99 ft					
76	H4634-26	oil hose, 1/4", silicone braided, clear	1	\$4.49 ea					
77	H485	honda, quantum, gpd, black	1	\$4.49 ea					
78	G052	washer, buna 1 1/8" oad x 5/16" id	2	\$1.99 ea					
79	H211	washer, 1/4" x 1/4" x 1/4" flat, 1/8"	2	\$0.99 ea					
80	H768	bol, 1/4-20 x 3/4" serrated hex flange, zinc	2	\$0.99 ea					

ITEMS NOT SHOWN

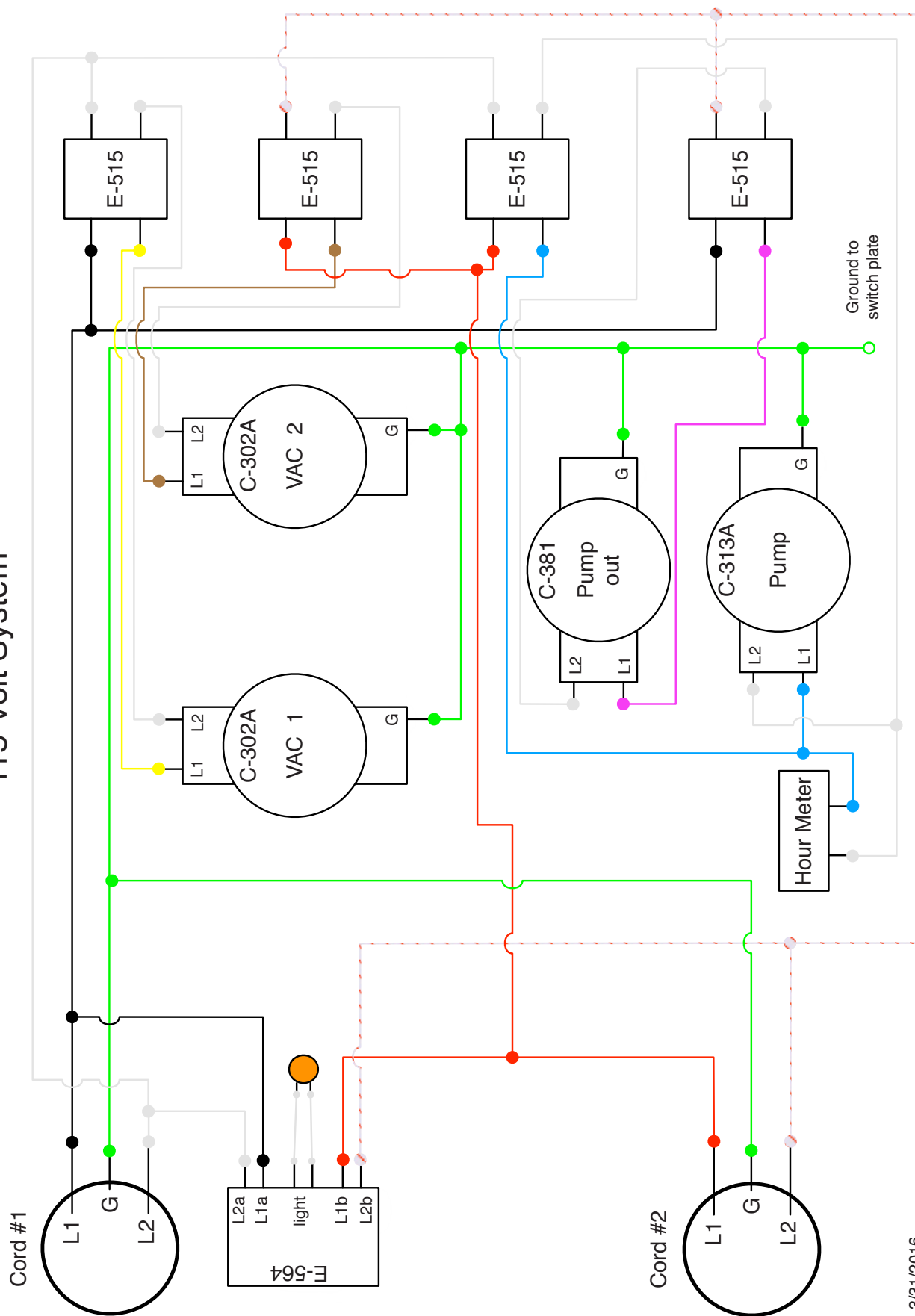
PART NO.	DESCRIPTION	QTY.	MSRP
E350	power cord, and 30', 12/3, black	2	\$74.99 ea
E351	power cord, and 30', 12/3, black	2	\$74.99 ea
G038	hanger, wire for inspection groove	1	\$6.99 ea
G074	filter bag, 3.5" mesh, 4-1/2" dia, meat bag	1	\$4.99 ea
H110	CuFl-Lynx, 2" hose x 2" fem swivel	1	\$3.99 ea
H200	CuFl-Lynx, 2" hose x 2" fem reducer	1	\$3.99 ea
H201	screw, 10-32 x 1/2" phl post head, 1/8"	2	\$0.99 ea
H202	hanger, wire for inspection groove	2	\$3.99 ea
P568A	hanger, wire for inspection groove	2	\$3.99 ea
ADW	CuFl-Lynx	1	n/a

MYTEE PRODUCTS, INC.
 speedster
 LID 5
 K
 SCALE: 1:12 WEIGHT
 SHEET OF 3



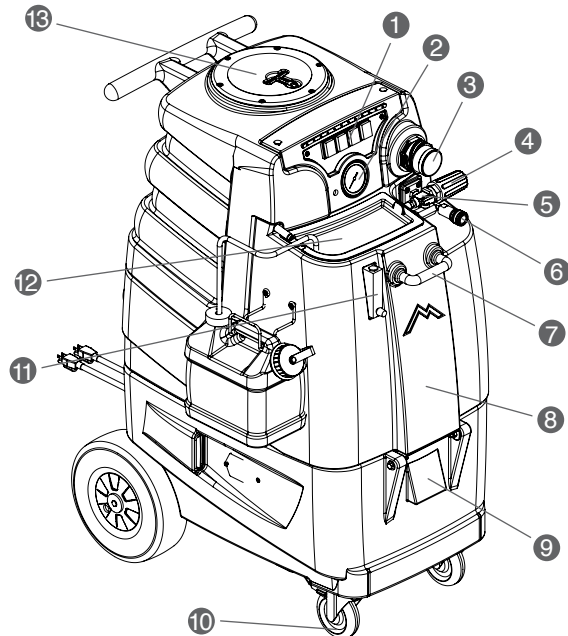


LTD5
115 Volt System



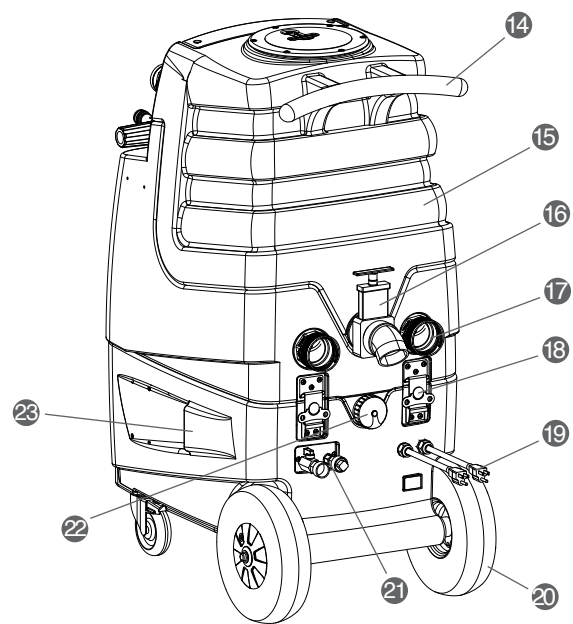
3/31/2016

SPEEDSTER® LTD12 FRONT



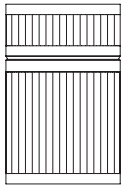
- | | |
|-----------------------------|------------------------|
| 1. Switch Plate | 8. Solution Tank |
| 2. PSI Gauge | 9. Front Vent |
| 3. 2" Male Cuff-Lynx™ Inlet | 10. 4" Locking Casters |
| 4. Pressure Regulator | 11. Chemical Metering |
| 5. Prime Valve | 12. Solution Lid |
| 6. Female Quick Disconnect | 13. Recovery Lid |
| 7. Front Handle | |

SPEEDSTER® LTD12 BACK

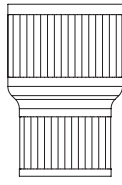


- | | |
|-------------------------------|---|
| 14. Push Handle | 20. 10" Foam Filled Semi-Pneumatic Wheels |
| 15. Recovery Tank | 21. Auto-Fill & Pump-Out Hose Connections |
| 16. Recovery Tank Drain Valve | 22. Solution Tank Drain |
| 17. Rear Vacuum Exhaust | 23. Side Vent |
| 18. Service Latches | |
| 19. Power Cords | |

SPEEDSTER® LTD12 ITEMS INCLUDED



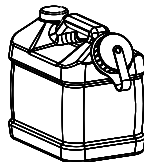
H110 Cuff-Lynx™
2" x 2" Hose Adapter



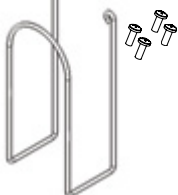
H141 Cuff-Lynx™
2" x 1.5" Hose Reducer



G008 Pack of Piglet™
filters



P535 5 qt. Chemical Bottle



H375 Hose Hanger
(4) screws

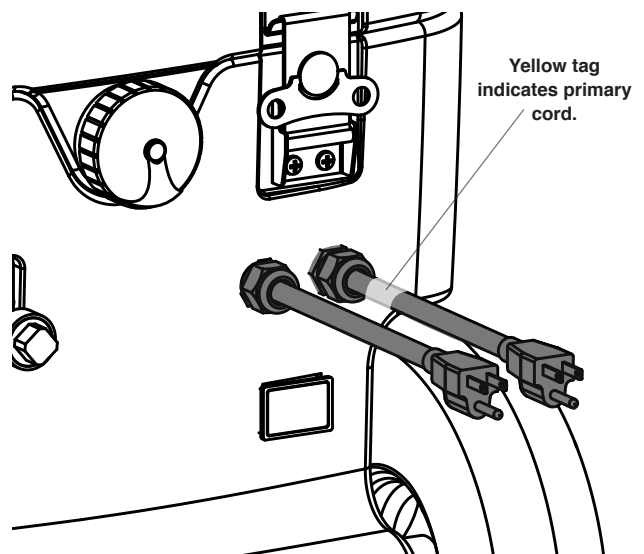


H226 Drain Elbow

POWER CORDS

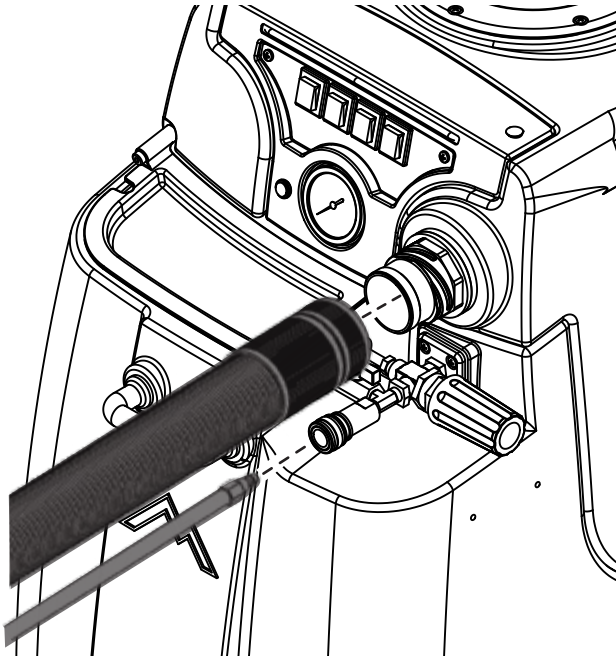
(Primary) Right Cord: Plug in yellow-tagged power cable for Power To Vac 1, & Pump.

(Secondary) Left Cord: Plug in power cable for Vac 2 and the Pump-out.



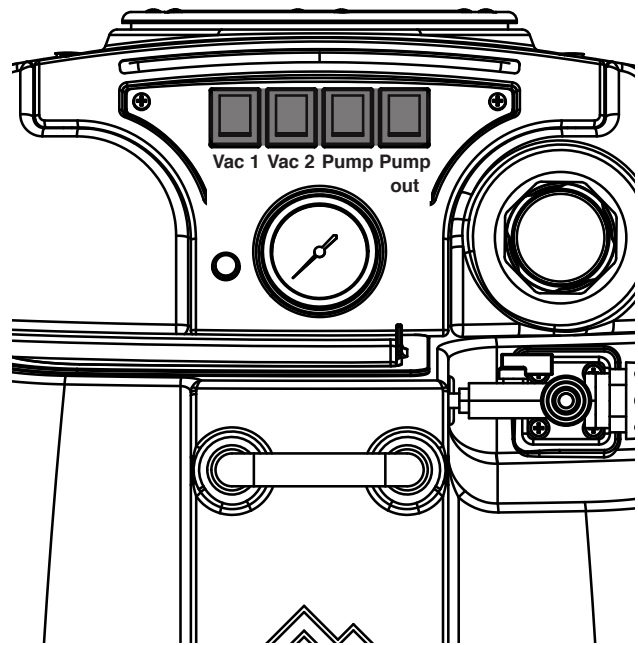
Plug each power cord into a separate, 20A grounded wall outlet. **Outlets must be on two separate breakers.** When the amber light on the switch plate illuminates, the machine is on separate circuits (not necessarily 20A circuits). You can identify the primary cord by the yellow tag.

VACUUM AND SOLUTION HOSE CONNECTIONS



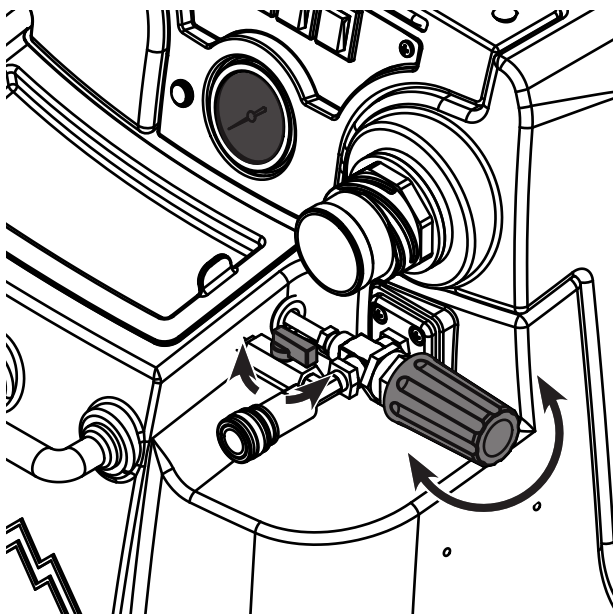
Attach female end of a solution hose to a wand or tool and the male end to the LTD's QD. Then connect a vacuum hose to a wand and the 2" male Cuff-Lynx™ hose port. (If using the optional de-foamer, install the kit onto the vacuum port according to the instructions that come with the de-foamer kit.)

SWITCH PLATE



To use vacuum, turn on Vac 1 and Vac 2. To use pump, turn on Pump. To use pump-out, turn on Pump-Out switch.

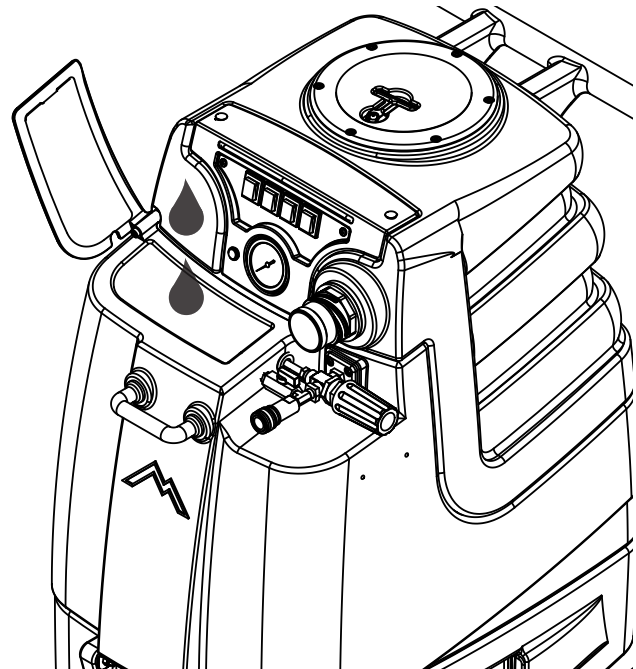
PRIME VALVE & PRESSURE REGULATOR



Prime the pump by having the Prime Valve parallel with its pipe and turn it clock-wise to run the pump. Turning the Pressure Regulator to its left will decrease water pressure and turning to the right will increase water pressure.

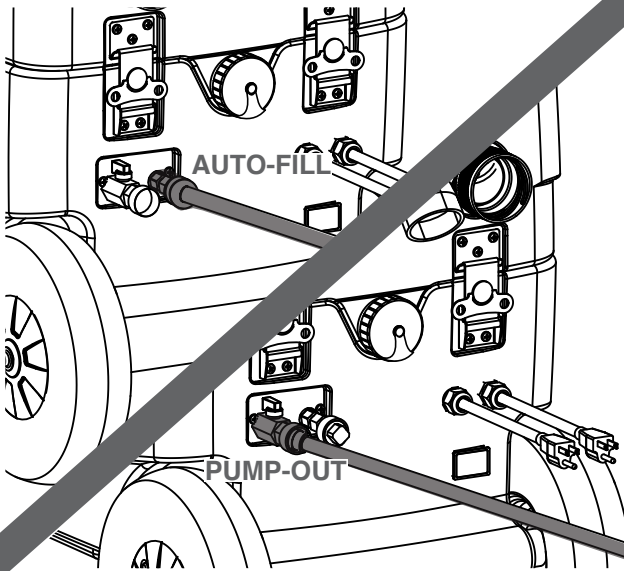
*Please refer to the Pressure Gauge to monitor your water pressure.

FILLING THE SOLUTION TANK



You can lift the lid to manually fill the tank or follow the "Operating Instructions" for auto-fill use. **IMPORTANT: Before refilling solution tank, make sure the recovery tank is empty.**

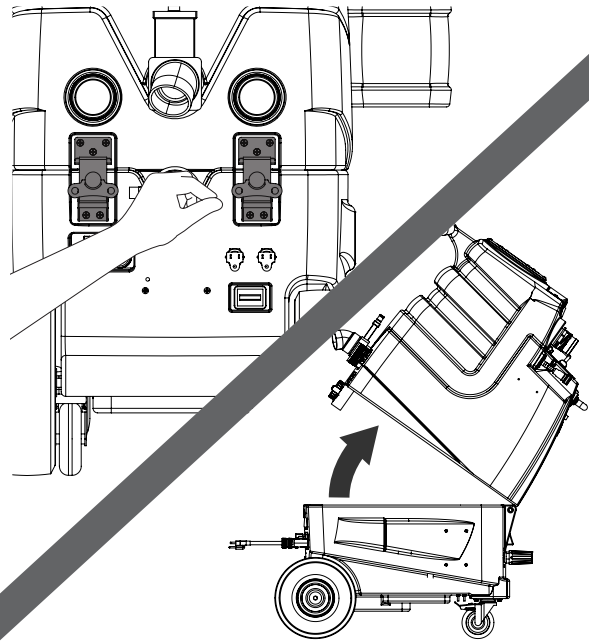
AUTO-FILL & PUMP-OUT CONNECTIONS



Auto-fill: Connect standard garden hose from water source to LTD auto-fill connection. Turn on the water source and let the tank begin to fill. It will shut off when the water level reaches the LTD's electronic float switch.

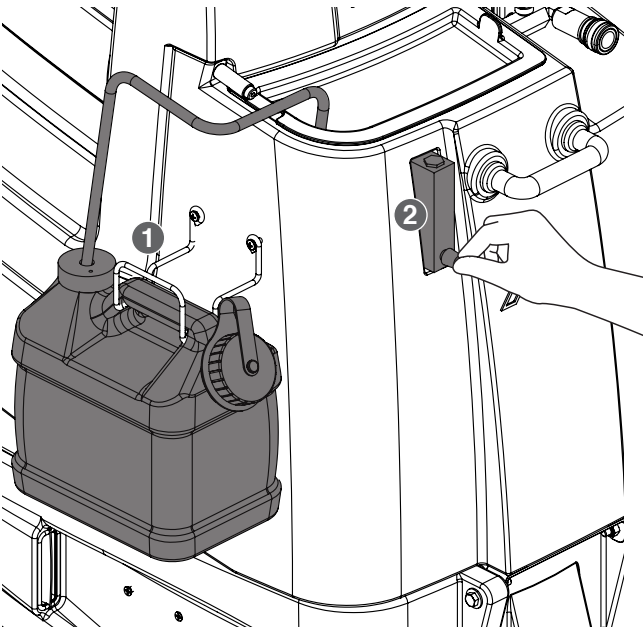
Pump-out: Connect a second standard garden hose to the LTD's pump-out connection and lay the other end of the hose in a drainable location. Activate the pump-out switch on the front of the machine and open the ball valve on the pump-out connection. The LTD will automatically drain recovered water from the tank.

OPENING THE MACHINE



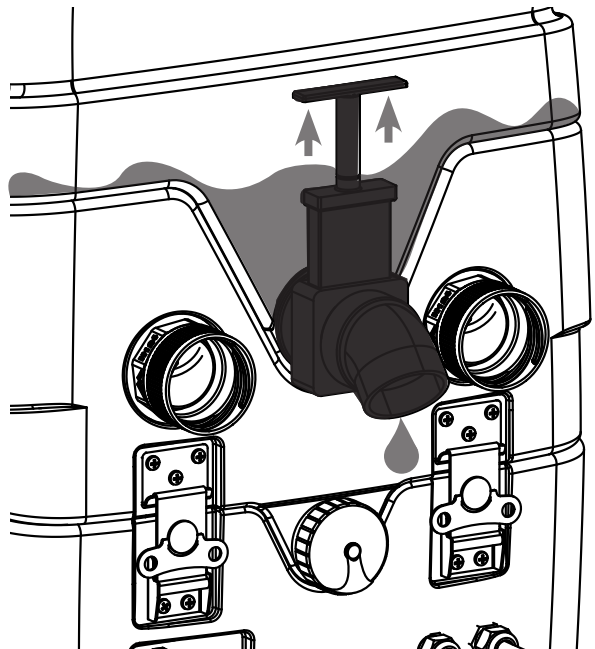
To open the Speedster® LTD, loosen the rear latches by turning them one quarter turn counter-clockwise. Flip the latches down and then lift up on the push handle and the machine will open up.

CHEMICAL METERING



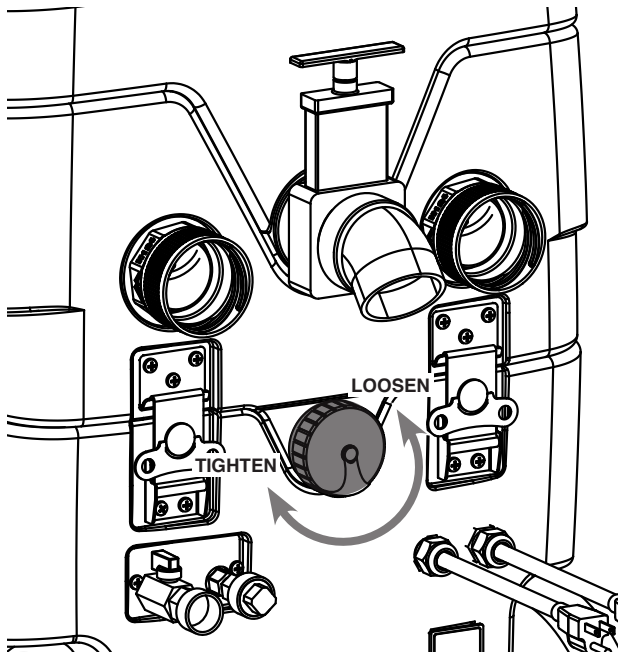
Connect garden hose to auto-fill. (1) Hang the included chemical bottle (part # P535) from the side of the machine and fill it with the desired chemical concentrate. (2) Set meter to desired ratio. Meter is measured in GPH (Gallons Per Hour), which indicates how many gallons per hour of concentrated chemical will be metered. Begin running the machine. Chemical will only be injected as the tank fills through the auto-fill.

EMPTYING THE RECOVERY TANK



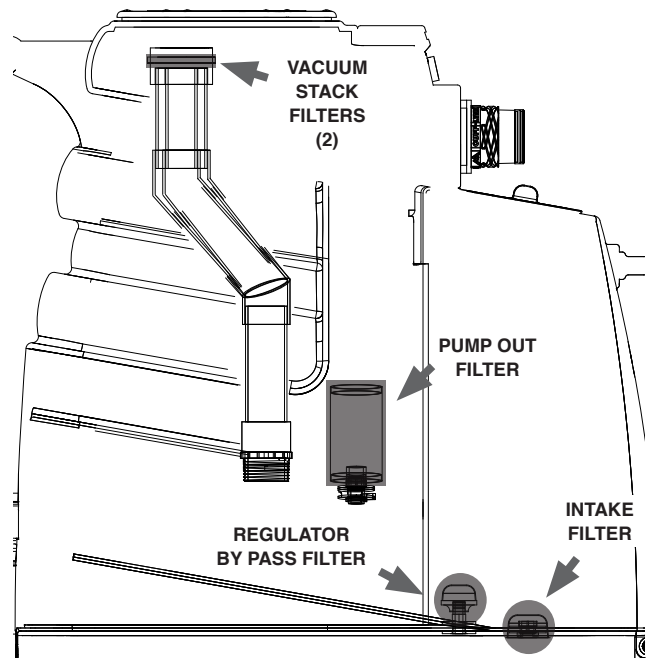
Make sure the Auto Pump-Out is turned off and then locate and lift the bucket high drain valve on the rear of the LTD unit to empty the tank.

SOLUTION TANK DRAIN VALVE



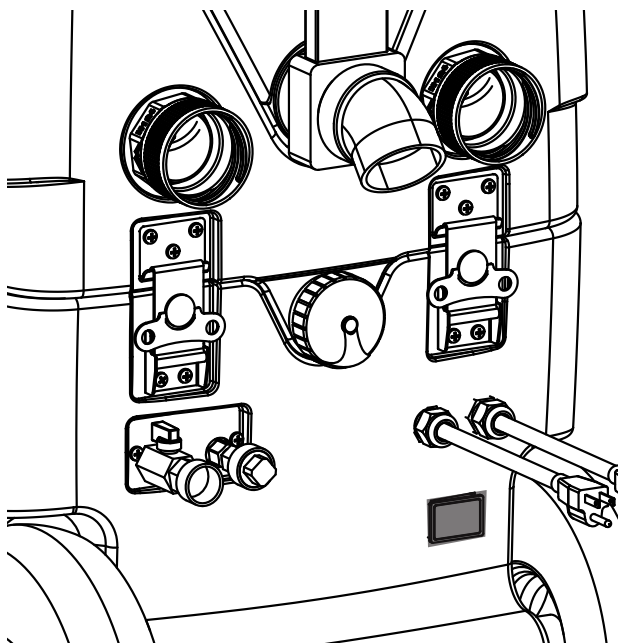
To remove any remaining water in the solution tank, located on the back of the unit is a cap, twist and remove cap to empty tank.

FILTER MAINTENANCE



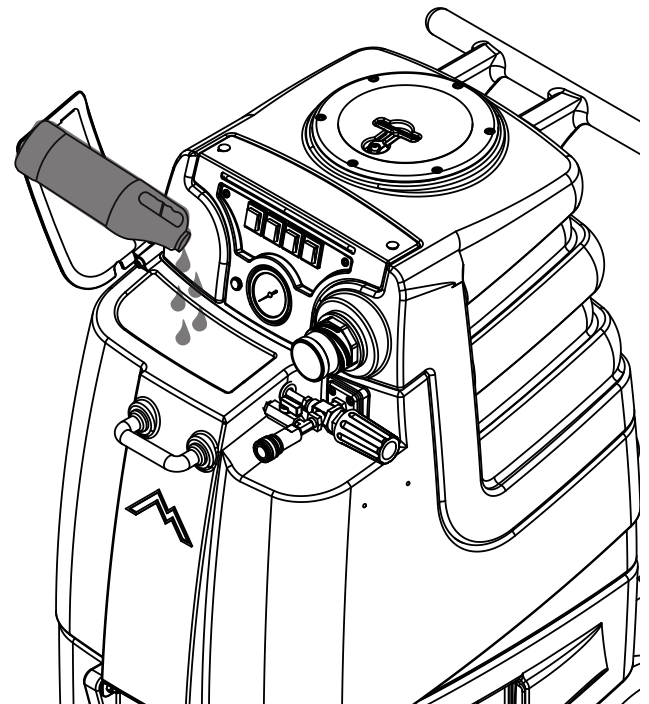
The LTD's five internal filters must be cleaned regularly and are located in the locations listed in the following diagram. Twist the filters to remove them then clean and replace in original locations. If a filter is torn or damaged, replace with a new one.

PUMP HOUR METER



The hour meter activates when the pump is turned on. This helps monitor usage and when to make oil changes. Refer to p.3 for oil maintenance instructions.

MYTEE® SYSTEM MAINTAINER



Weekly flushing of the solution system with Mytee System Maintainer helps keep lines clean and prevents chemical build-up, improving pump life, performance, and pressure.

SPEEDSTER® LTD12 PARTS & PRICING

ITEM NO.		PART NO.		DESCRIPTION		QTY.		MSRP		ITEM NO.		PART NO.		DESCRIPTION		QTY.		MSRP	
1	H212	1	H212	1	flat washer, 9/16" d x 1 1/16" OD, AN860-C91.6	2		\$0.99 ea		125	H217	1	H217	1	clamp, hose, 2-1/4 dia	4		\$1.49 ea	
2	B199	3	B199	3	coupler, 1/2" fpt x 1/4" fpt	3		\$8.99 ea		126	H194	2	H194	2	coupler, 2" dia x 2.5" length, s/s	2		\$10.00 ea	
3	B644	1	B644	1	adapter, brass, 1/2" barb x 1/4" mpt	1		\$2.49 ea		127	H096	6	H096	6	bolts 1/4-20 x 4, s/s	6		\$0.99 ea	
4	B173	8	B173	8	female, 1/2", brass	8		\$0.99 ea		128	C302A	2	C302A	2	vac motor, 3 stage, low amp	2		\$139.99 ea	
5	PH415-24	1	PH415-24	1	sol hose, 1/2", 304sspt, black	1		\$8.99 ft											
6	H273	14	H273	14	nut, kep, #10-32 zinc	14		\$0.99 ea											
7	H210	30	H210	30	washer, 1/4" flat, s/s	30		\$0.99 ea											
8	H186	6	H186	6	screw, 10-32 x 3/4, phl flat full thread	6		\$0.99 ea											
9	C381	1	C381	1	pump out, 115v	1		\$187.49 ea											
10	PH615-37	1	PH615-37	1	sol hose, 1/2", 304sspt, black	1		\$8.99 ft											
11	B160	3	B160	3	adapter, brass, 1/2" barb x 3/8" fsw, ball end	3		\$3.49 ea											
12	H042	2	H042	2	c-clip, 12mm, external	2		\$0.99 ea											
13	H109	2	H109	2	wheel, 10", foam filled	2		\$79.99 ea											
14	H232	1	H232	1	axle, 19.60" x .50"	1		\$9.99 ea											
15	H254	4	H254	4	washer, axle, cut 1/2" id	4		\$0.99 ea											
16	P514	2	P514	2	vent, side, LTD	2		\$5.00 ea											
17	H668	2	H668	2	carrier, 4", black hub & gray head	2		\$17.49 ea											
18	H342	8	H342	8	bolts, 1/4-20 x 1" hex head, s/s	8		\$0.99 ea											
19	H216	14	H216	14	nut, lock, 1/4-20, nylon insert, s/s	14		\$0.99 ea											
20	H202	4	H202	4	bolts, 1/4-20x3/4" hex head	4		\$0.99 ea											
21	B135	2	B135	2	tee, brass, 1/4" mpt	2		\$3.49 ea											
22	B143	4	B143	4	street elbow, 90 degrees, 1/8"	4		\$2.99 ea											
23	C332	1	C332	1	pump head, general, 2.1 GPM	1		\$569.99 ea											
24	B172	1	B172	1	elbow, brass, 90 deg, 1/2" barb x 3/8" mpt	1		\$7.49 ea											
25	PH615-23	1	PH615-23	1	sol hose, 1/2", 304sspt, black	1		\$8.99 ft											
26	B105	3	B105	3	bushing, brass, 3/8" mpt x 1/4"	3		\$3.19 ea											
27	B107	3	B107	3	nipple, brass, 1/4" m hex	3		\$3.19 ea											
28	B113	1	B113	1	tee, brass, 1/4" fpt	1		\$6.99 ea											
29	B127	1	B127	1	plug, brass, 1/4" mpt, hex	1		\$0.99 ea											
30	B197	1	B197	1	valve, solenoid, 1/4", 115V	1		\$89.99 ea											
31	C329	1	C329	1	motor, for pump, 1 HP, 1725 RPM	1		\$359.99 ea											
32	P511	1	P511	1	LX series base	1		\$176.99 ea											
33	PH615-32	1	PH615-32	1	sol hose, 1/2", 304sspt, black	1		\$8.99 ft											
34	B123	1	B123	1	adapter, brass, 1/2" barb x 1/4" fpt	1		\$4.99 ea											
35	G048	2	G048	2	bumper, 7/8" x 1/4" head	2		\$1.99 ea											
36	H486	2	H486	2	latch, front	2		\$13.99 ea											
37	H220	20	H220	20	screw, 10-32 x 1/2" phl pan head, s/s	20		\$0.99 ea											
38	H201	2	H201	2	nut, lock, 1/2" steel	2		\$1.99 ea											
39	H220	2	H220	2	lifting, 3/8" relief, cord	2		\$3.19 ea											
40	E550	2	E550	2	power cord, pigtail, 30', 12/3, black	2		\$12.49 ea											
41	E564	1	E564	1	controller, circuit light	1		\$42.99 ea											
42	E369	1	E369	1	hour meter, panel mount, analog	1		\$35.99 ea											
43	H039	1	H039	1	plate, auto fill pump out	1		\$9.99 ea											
44	B656A	1	B656A	1	ball valve, 1/2" m x 1/2" f	1		\$16.49 ea											
45	B2058	2	B2058	2	QD, 1/2" npt x 3/4" mgh, pump-out	2		\$3.99 ea											
46	B204	2	B204	2	QD, 3/4" female x female garden hose	2		\$9.99 ea											
47	H541A	1	H541A	1	valve, float, auto fill	1		\$108.99 ea											
48	B198	1	B198	1	adapter, 3/4" fgh x 1/2" mpt, w/ gasket	1		\$16.99 ea											
49	B167	1	B167	1	street elbow, 1/2" fpt x 1/2" mpt	1		\$10.99 ea											
50	B303	2	B303	2	nipple, 3" x 1/4" npt x 1/4" npt	2		\$8.99 ea											
51	B208	1	B208	1	coupling, 3/8" fpt x 1/4" fpt	1		\$8.99 ea											
52	H541C	1	H541C	1	chemical injector	1		\$39.99 ea											
53	B186	3	B186	3	elbow, brass, 90 deg, 3/8" mpt x 3/8" mpt	3		\$8.99 ea											
54	H299	9	H299	9	washer, 11/16" d x 1-1/2" od x .075, s/s	9		\$0.99 ea											
55	B129	2	B129	2	nipple, hex, 1/8" mpt x 1/8" mpt	2		\$1.99 ea											
56	B103	1	B103	1	elbow, brass, 90 deg, 1/4" mpt x 1/4" fpt	1		\$4.49 ea											
57	B216	2	B216	2	nipple, brass, 3/8" x close	2		\$1.99 ea											
58	B210	2	B210	2	bushing, brass, 1/2" mpt x 3/8" fpt, hex	2		\$2.49 ea											
59	B119A	1	B119A	1	filter, strainer, 1/2"	1		\$6.49 ea											
60	H201	2	H201	2	bolts, 1/4-20 x 1/2", hex head, zinc	2		\$0.99 ea											
61	H213	8	H213	8	washer, 1/4" lock, s/s	8		\$0.99 ea											
62	H378	1	H378	1	bracket, front hinge, sp/lb	1		\$8.99 ea											

ITEMS NOT SHOWN

PART NO.	DESCRIPTION	QTY	MSRP
E530	power cord, ext 50', 12/3, black	2	\$74.99 ea
E536	harness, electrical	1	\$78.99 ea
G008	piglet filter	1	\$6.29 ea
G076	filter bag, 3.5" metal oring, mesh bag	1	\$4.99 ea
H110	Cuff-Lynx, 2" hose x 2" fem swivel	1	\$3.99 ea
H141	Cuff-Lynx, 2" x 1.5" reducer	1	\$3.99 ea
H375	hanger, wire formed, hose	1	\$6.99 ea
P568A	cord lock, S-type	2	\$6.99 ea

THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF MY TEE PRODUCTS, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MY TEE PRODUCTS, INC.

NAME: J. ALABRITTO

DATE: 10/20/13

CHECKED: COMMENTS:

TITLE: speedster

SIZE: 1/2" DWG. NO. C LTD 12

REV. M

SCALE: 1:12

SHEET 1 OF 3

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

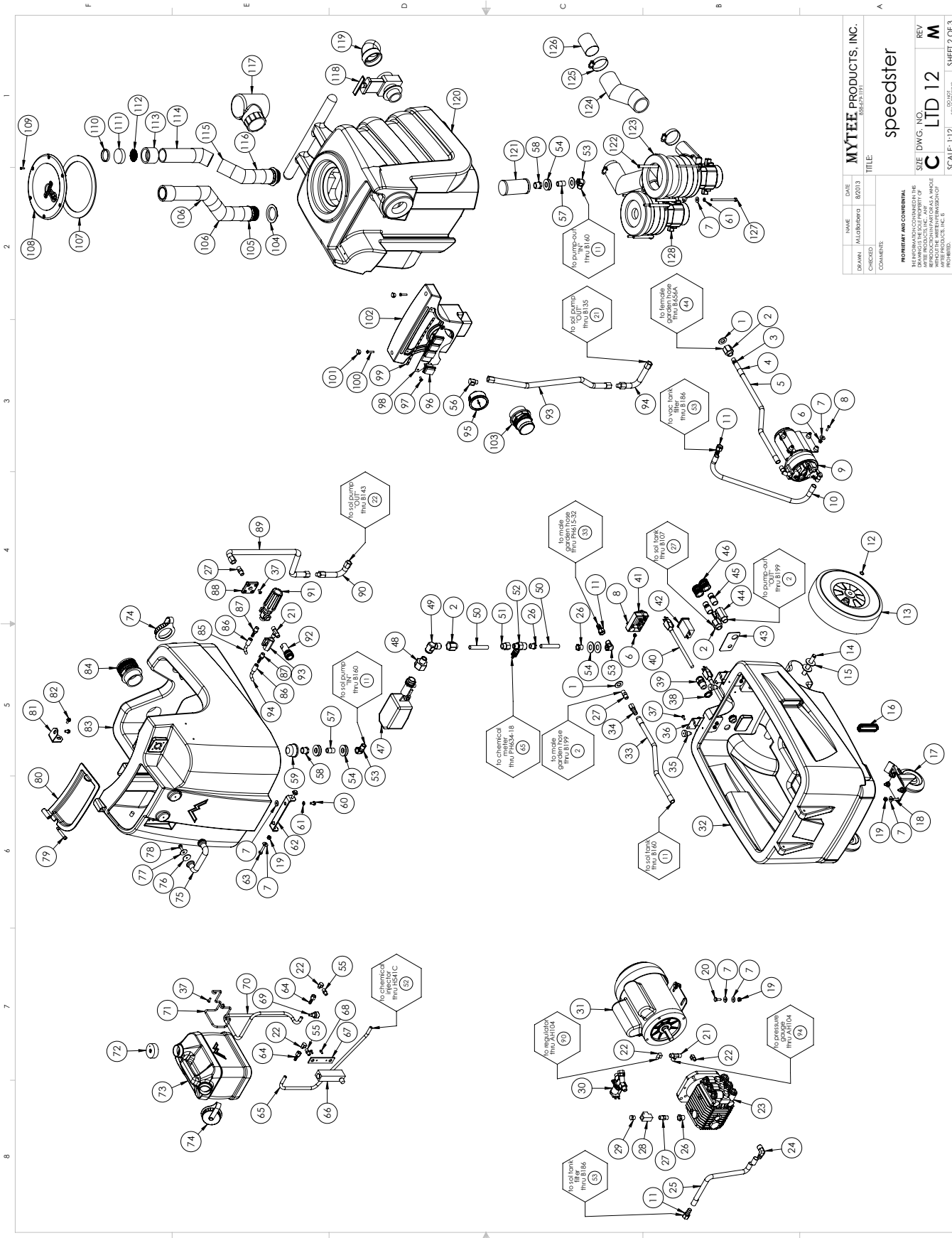
60

61

62

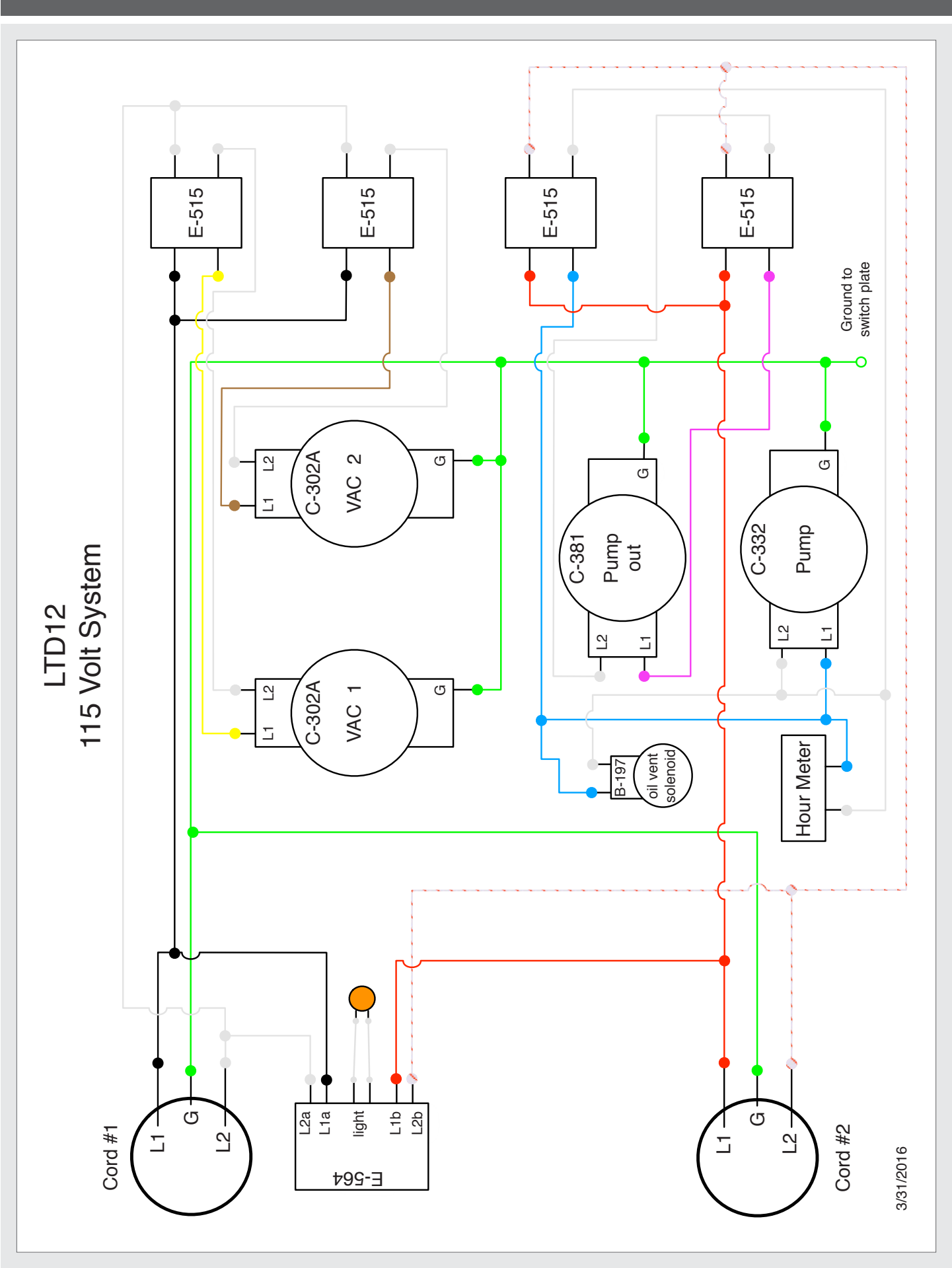
Part prices are subject to change.

24



NAME		DATE	MYTEE PRODUCTS, INC.	
DRAWN		8/2013	884721191	
CHECKED		TITLE		
COMMENTS		speedster		
PROPERTY AND CONFIDENTIAL				
DRAWING IS THE PROPERTY OF MYTEE PRODUCTS, INC. NO INFORMATION CONTAINED HEREIN IS TO BE RELEASED OR USED FOR ANY PURPOSES WITHOUT THE WRITTEN PERMISSION OF MYTEE PRODUCTS, INC. 8				
REV		SCALE: 1:12	SIZE	SHEET 2 OF 3
C		1:12	DWG. NO.	
LTD 12				
M				

SPEEDSTER® LTD12 WIRING DIAGRAM



NOTES



Mytee Products Inc.
13655 Stowe Dr.
Poway, CA 92064
www.mytee.com
FX 858.679.7814

© 2016 Mytee Products Inc.
Printed in the U.S.A.